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1982

Census of Wholesale Trade

WC82-A-45

GEOGRAPHIC AREA SERIES

Utah



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The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

1982

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Wholesale Trade

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Issued July 1984



U.S. Department of Commerce
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Clarence J. Brown, Deputy Secretary
Sidney Jones, Under Secretary for
Economic Affairs

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INTRODUCTION

ECONOMIC CENSUSES OVER TIME

The early beginnings of America's industrial output were first measured in the United States in the 1810 Decennial Census and again in 1820, when questions on manufacturing were included with those for population. Beginning with the 1840 Decennial Census, there were enumerations of manufactures and mineral industries at 10-year intervals up to and including the year 1900 for manufactures and 1940 for mineral industries. The latter census was again taken for 1954, 1958, 1963, and 1967.

Because of the increasing dominance of manufacturing in the early 20th century, Congress directed that quinquennial censuses of manufactures be taken beginning in 1905. However, from 1919 through 1939, these censuses were conducted every 2 years. The need for war-related current surveys in the early 1940's postponed the next census of manufactures until 1948 (for 1947). That census was again taken for 1954, 1958, 1963, and 1967.

Retail and wholesale trade data were first collected in 1930, and in 1933 information on selected service industries was added to the data-collection operation. These business censuses, as they were called, were again taken for 1935, 1939 (as part of the 1940 decennial program), 1948, 1954, 1958, 1963, and 1967.

Information on construction industries was first obtained in 1930 and again for 1935 and 1939. Data for the full spectrum of construction industries were not gathered again until 1968 (for 1967).

The need for transportation data to supplement information available from existing governmental or private sources was recognized by Congress in the late 1950's and early 1960's. The census of transportation (consisting of several surveys) was first taken for 1963 and again for 1967.

Since 1967, all of the above censuses have been taken quinquennially as part of the Census Bureau's economic census program. (For the 1977 censuses, the coverage of the service industries was broadened from "selected services" to all services, except religious organizations and private households. A total of 41 additional four-digit standard industrial classifications¹ (SIC's) in 7 SIC major groups was added to the scope of the census. While most of the industries included for the first time for 1977 were covered again for 1982, some were not, i.e., hospitals; elementary and secondary schools; colleges, universities, and professional schools; junior colleges and technical institutes; labor unions and similar labor organizations; and political organizations.)

The first manufacturing census for an outlying area was conducted in Puerto Rico for the year 1909. Thereafter,

with the exception of 1929, a census was taken at 10-year intervals through 1949. The first censuses of retail trade, wholesale trade, and selected service industries in Puerto Rico were conducted in 1939. These censuses also were taken for the years 1949, 1954, 1958, 1963, and 1967. A census of construction industries was first introduced in Puerto Rico for 1967. These censuses of Puerto Rico have been taken since then for the years 1972, 1977, and 1982.

Censuses of manufactures, retail trade, wholesale trade, and selected service industries were conducted in Guam and the Virgin Islands of the United States for 1958, 1963, 1967, 1972, 1977, and 1982. Censuses of mineral industries were taken in the Virgin Islands of the United States for the years 1958, 1963, and 1967 but not since that time. A census of construction industries was also undertaken in these areas for 1972, 1977, and 1982.

Retail trade, wholesale trade, selected service industries, manufacturing, and construction industries were canvassed for the first time in the Northern Mariana Islands in 1983 (for 1982).

For 1982, the economic censuses and agriculture censuses were conducted concurrently.

USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source of facts about the structure and functioning of the Nation's economy and provide essential information for government, business, industry, and the general public. They provide an important part of the framework for such composite measures as the gross national product, input-output measures, indexes of industrial production, and indexes measuring productivity and price levels. Information from the censuses is used to establish sampling frames and as benchmarks for current surveys of business activity, which are essential for measuring short-term economic conditions.

State and local governments use census data to assess business activities within their jurisdictions. The private sector uses the data to forecast general economic conditions; analyze sales performance; lay out sales territories; allocate funds for advertising; decide on locations for new plants, warehouses, or stores; and measure potential markets in terms of size, geographic areas, kinds of business, and kinds of products made or sold.

Following every census, thousands of businesses and other users purchase reports. Likewise, census facts are widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. All 1982 data are available on microfiche from the U.S. Government Printing Office and most data on computer tape from the Census Bureau. Finally, the more than 50 State Data Centers also are suppliers of economic census statistics.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

AUTHORITY AND SCOPE OF THE ECONOMIC CENSUSES

The economic censuses are required by law under title 13 of the United States Code, sections 131, 191, and 224, which directs that they be taken at 5-year intervals for the years ending in 2 and 7. The 1982 Economic Censuses covered manufacturing, mining, construction industries, retail trade, wholesale trade, service industries, and selected transportation activities. Special programs also cover minority-owned and women-owned businesses. The next economic censuses are scheduled to be taken in 1988 for the year 1987.

CENSUS OF WHOLESALE TRADE

The 1982 Census of Wholesale Trade, part of the 1982 Economic Censuses, covered wholesale trade as defined in the Standard Industrial Classification (SIC) Manual.¹ It included all establishments with one or more paid employees primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional users; or to other wholesalers. Companies selling products to which they have title, as well as those acting as agents or brokers in buying merchandise for or selling merchandise to others, are included. The census excluded governmental organizations classified in the covered industries except for wholesale liquor establishments operated by State and local governments. The basic tabulations in this report do not include data for establishments which are "auxiliary" (primary function is providing a service, such as warehouses) to wholesale establishments within the same organization. Data for auxiliaries are presented for selected industrial classifications in tables included in the United States Summary report issued as part of this series. Data for auxiliaries will be presented for more detailed industry breakdowns in a subsequent report issued as part of the 1982 Enterprise Statistics reports.

Wholesale firms without employees were excluded from the census. In the census of retail trade, the sales of firms with no paid employees are derived from administrative records of other Federal agencies rather than from a direct canvass. These sources proved impractical for wholesale firms without paid employees. In the census of wholesale trade, the sales value is the gross volume of business conducted. Firms which operate wholly or partly on a commission basis must provide both the gross volume of business conducted and commission receipts on census forms. Agents and brokers do not report to other Federal agencies the gross selling value of goods. Moreover, administrative records make no distinction between commission receipts and sales receipts by wholesalers.

Appendix A gives a more detailed explanation of census coverage and methodology.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

CENSUS DISCLOSURE RULES

In accordance with Federal law governing census reports, no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure, so this information may be released even though other information is withheld.

GEOGRAPHIC AREAS COVERED

This report series presents data for the following areas:

1. The United States as a whole.
2. Each State and the District of Columbia.
3. Each standard consolidated statistical area (SCSA) defined by the Office of Management and Budget as of January 1, 1982, meeting the criteria published in the 1975 Standard Metropolitan Statistical Areas manual or Federal Register, January 3, 1980, Vol. 45, No. 2.²³ An SCSA is an area used to facilitate the presentation and analysis of data for large concentrations of metropolitan populations. It includes two or more contiguous standard metropolitan statistical areas which have a population of at least 1,000,000⁴ and which meet specific criteria of urban character and of social and economic integration.
4. Each standard metropolitan statistical area (SMSA) defined by the Office of Management and Budget as of January 1, 1982, meeting the criteria published in the 1975 Standard Metropolitan Statistical Areas manual or Federal Register, January 3, 1980, Vol. 45, No. 2.²³ An SMSA is an integrated economic and social unit with a population nucleus of at least 50,000 inhabitants.⁴ Each SMSA consists of one or more counties meeting standards of metropolitan character; in New England, cities and towns rather than counties are the component geographic units.
5. The area within the State outside standard metropolitan statistical areas.

²Standard Metropolitan Statistical Areas, Revised Edition 1975 (for SMSA's prior to January 3, 1980). For sale by Superintendent of Documents, U.S. Government Printing Office, Washington D.C. 20402 and *Federal Register* (for SMSA's since January 3, 1980), Vol. 45, No. 2, pages 956-963. Available from Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

³On June 30, 1983, the Office of Management and Budget announced newly defined metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's) into which previously defined SMSA's and SCSA's were restructured. The 1982 Economic Censuses publications do not present data for the newly defined areas. These areas were defined after 1982 publication plans were almost complete. Inclusion of the newly defined areas would have materially delayed the publication of the 1982 Economic Censuses reports. However, limited 1977 data for the new areas will be published in the 1984 edition of the *State and Metropolitan Area Data Book*, and limited 1982 data will be published in the 1985 edition.

⁴According to 1980 Census of Population.

6. Each county or county equivalent.^{5 6}
7. Each municipality of 2,500 inhabitants or more incorporated as a city, borough, village, or town.^{4 5}

For the economic censuses, boroughs and census areas in Alaska, boroughs in New York, and towns in New York and Wisconsin are not included in this category.

8. Special economic urban areas (SEUA's) which include townships in New Jersey and Pennsylvania and towns in New England with 10,000 inhabitants or more.⁴

DOLLAR VALUES

All dollar values presented in this report are expressed in current dollars, i.e., 1982 data are expressed in 1982 dollars and 1977 data in 1977 dollars. Consequently, when making comparisons to prior years, users of the data should consider the inflation that has occurred.

RELIABILITY OF DATA

All data compiled in this report originated from either census questionnaires or administrative records of other Federal agencies and, therefore, are not subject to sampling errors. However, the data are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

Limited information is obtained from the administrative records of other Federal agencies. This information is used in conjunction with other information available to the Census Bureau to develop estimates for small employers and other establishments for which responses were not

received in time for publication. For an indication of the extent that data included in these reports were obtained from the administrative records of other Federal agencies and from estimation, rather than reports directly from respondents, see appendix E. Also, see appendix A for a more detailed explanation of census coverage and methodology.

MICROFICHE AND COMPUTER TAPES

The data in this report series are also available on microfiche and computer tapes. Microfiche reports are sold by the U.S. Government Printing Office. Computer tapes are sold by the Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1982 Census of Wholesale Trade may be obtained, depending on availability of time and personnel, on computer tape or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief, Business Division, Bureau of the Census, Washington, D.C. 20233.

To discuss a special tabulation before submitting specifications, call 301-763-5282.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

—	Represents zero.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(IC)	Independent city.
(NA)	Not available.
(NC)	Not comparable.
(X)	Not applicable.
n.e.c	Not elsewhere classified.
SIC	Standard Industrial Classification.
SCSA	Standard Consolidated Statistical Area.
SMSA	Standard Metropolitan Statistical Area.

⁵According to 1980 Census of Population.

⁶Those defined as of January 1, 1982.

⁴See appendix F for Alaska, Louisiana, Maryland, Missouri, Montana, Nevada, Virginia, and District of Columbia county equivalents.

Users' Guide for Locating Statistics in This Report by Table Number

Information shown in tables	Table									
	1	2	3	4	5	6	7	8	9	10
GEOGRAPHIC AREAS										
The State	X	X	X					X	X	X
SCSA's in the State				X						
SMSA's in the State					X					
Area of State not in any SMSA						X				
Counties in the State							X		X	
Places in the State								X		X
DATA ITEMS³										
Establishments	X	X		X ⁴						
Sales	X	X		X ⁴	X					
Annual payroll	X	X		X ⁵						
First quarter payroll	X									
Paid employees for pay period including March 12	X			X ⁵						
Inventories	X									
Operating expenses	X									
1977 to 1982 comparative statistics (sales, payroll)		X								
Sales per establishment				X						
Sales per employee				X						
Annual payroll per employee				X						
Annual payroll as a percent of operating expenses				X						
Employees per establishment				X						
Operating expenses as a percent of sales				X						
End-of-1982 inventories as a percent of sales				X						
Counties ranked by volume of sales					X					X
Places ranked by volume of sales										2X

¹ Includes areas with 200 wholesale establishments or more.

² Includes places with 2,500 inhabitants or more, according to the 1980 Census of Population.

³ See Explanation of Terms, appendix A.

⁴ Manufacturers' sales branches and offices, and agents, brokers, and commission merchants are combined and displayed as "other types of operation."

⁵ Presented for total and merchant wholesalers only.

Users' Guide for Locating Statistics in the 1982 Census of Wholesale Trade Reports

Report and geographic area	Information shown in reports by kind of business or industry category										
	Number of estab- lishments	Sales (\$1,000)	Payroll (\$1,000)	Number of em- ployees	Inven- tories (\$1,000)	Operat- ing ex- penses (\$1,000)	Com- modity line sales (\$1,000)	Estab- lishment and firm size	Legal form of organi- zation	Petro- leum bulk stations and ter- minals	Selected topics
GEOGRAPHIC AREA SERIES											
United States	X	X	X	X	X	X					
State	X	X	X	X	X	X					
SCSA	X	X	X	X							
SMSA	X	X	X	X							
County	X	X	X	X							
Place	X	X	X	X							
ESTABLISHMENT AND FIRM SIZE (INCLUDING LEGAL FORM OF ORGANIZATION)											
United States	X	X	¹ X	¹ X	¹ X	¹ X		X	X		
MEASURES OF VALUE PRODUCED, CAPITAL EXPENDITURES, DEPRECIABLE ASSETS, AND OPERATING EXPENSES											
United States ¹		X	X				X		X		² X
COMMODITY LINE SALES											
United States	X	X						X			
State ³	X	X						X			
SMSA ³	X	X						X			
MISCELLANEOUS SUBJECTS											
United States	X	X	X	X	X	X			X		⁴ X
State									X		
County									X		

¹ Merchant wholesalers only.

² Value produced, capital expenditures, depreciable assets, and selected operating expenses detail.

³ Available on microfiche only.

⁴ Class of customer, employment by principal activity, and detailed type of operation.

Utah

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SUMMARY OF FINDINGS

Data from the 1982 Census of Wholesale Trade show that Utah's 2,585 wholesale establishments had sales totaling \$8.7 billion. In 1977, 2,301 wholesalers had sales of \$5.4 billion.

Among the three major wholesale types of operation, merchant wholesalers had the largest share, with 2,085 establishments and sales of \$5.3 billion; followed by manufacturers' sales branches and offices, with 261 establishments and sales of \$2.6 billion; and agents, brokers, and commission merchants, with 239 establishments and sales of \$747 million.

The 1982 payroll of all wholesalers in the State amounted to \$551 million, compared to \$328 million for 1977. Payroll per employee averaged \$17.8 thousand for all wholesalers; \$16.5 thousand for merchant wholesalers; \$25.2 thousand for manufacturers' sales branches and offices; and \$17.5 thousand for agents, brokers, and commission merchants.

There were 31,016 paid employees (full- and part-time) engaged in wholesale trade in the State as of mid-March 1982. Merchant wholesalers were the largest employers, with 25,244 employees; followed by manufacturers' sales branches and offices, with 4,423 employees; and agents, brokers, and commission merchants, with 1,349 employees.

Sales by machinery, equipment, and supplies wholesalers in 1982 accounted for 20.6 percent of the

State's total sales by all wholesalers, compared to 15.6 percent in 1977. Other leading wholesale kinds of business groups in 1982 were groceries and related products wholesalers, with 19.7 percent; petroleum and petroleum products wholesalers, with 13.3 percent; motor vehicles and automotive parts and supplies wholesalers, with 8.8 percent; and electrical goods wholesalers, with 8.2 percent.

For 1982, sales for all wholesalers in the State averaged \$3.4 million per establishment. Petroleum and petroleum products wholesalers averaged \$11.3 million per establishment; drugs, drug proprietaries, and druggists' sundries wholesalers, \$6.8 million; groceries and related products wholesalers, \$6.7 million; sporting, recreational, photographic, and hobby goods, toys and supplies wholesalers, \$5.9 million; and metals and minerals wholesalers, \$4.6 million.

In 1982, sales per employee for all wholesalers in the State averaged \$281 thousand. Petroleum and petroleum products wholesalers reported sales per employee of \$973 thousand, which contrasts sharply with the \$158 thousand recorded by hardware, and plumbing and heating equipment and supplies wholesalers.

Salt Lake County led all counties in the State, accounting for 76.6 percent of total sales by wholesalers. Salt Lake City had the largest sales among all places in the State, accounting for 58.1 percent.

Table 1. Summary Statistics for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
	Wholesale trade	2 585	8 726 234	550 948	138 010	31 016	1 139 189	775 636	763 683
TYPES OF OPERATION									
	Merchant wholesalers	2 085	5 344 943	416 046	104 256	25 244	849 945	640 316	625 093
	Wholesale distributors and jobbers	2 013	4 960 183	399 871	99 964	24 232	804 792	611 640	591 739
	Importers	38	185 558	10 067	2 550	602	32 002	24 813	29 323
	Exporters	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Terminal grain elevators	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Country grain elevators	12	41 964	752	173	55	1 968	845	896
	Assemblers of farm products, except country grain elevators	16	105 358	4 099	1 222	288	8 494	2 071	2 170
	Manufacturers' sales branches and sales offices	261	2 633 961	111 315	27 958	4 423	242 999	133 597	136 614
	Sales branches (with stock)	167	1 678 145	86 869	21 750	3 479	197 810	133 597	136 614
	Sales offices (without stock)	94	955 816	24 446	6 208	944	45 189	-	-
	Agent, brokers, and commission merchants	239	747 330	23 587	5 796	1 349	46 245	1 723	1 976
	Auction companies	5	54 082	887	204	151	2 402	-	-
	Brokers (representing buyers and sellers)	47	299 482	6 566	1 625	374	12 073	40	52
	Commission merchants	38	74 307	3 126	774	185	6 586	416	367
	Import agents	-	-	-	-	-	-	-	-
	Export agents	-	-	-	-	-	-	-	-
	Manufacturers' agents	149	319 459	13 008	3 193	639	25 184	1 267	1 557
TYPES OF OPERATION BY KIND OF BUSINESS									
	Wholesale trade	2 585	8 726 234	550 948	138 010	31 016	1 139 189	775 636	763 683
50	Durable goods	1 778	4 724 755	388 247	98 619	20 785	767 064	583 233	565 585
501	Motor vehicles and automotive parts and supplies	272	768 709	50 732	12 469	3 148	96 076	78 865	73 589
5012	Automobiles and other motor vehicles	42	465 417	15 856	3 992	844	32 223	27 857	24 733
5013	Automotive parts and supplies	206	236 678	30 365	7 289	2 054	55 318	44 665	43 029
5014	Tires and tubes	24	66 614	4 511	1 188	250	8 535	6 343	5 827
502	Furniture and home furnishings	86	112 480	10 991	2 605	687	23 783	13 730	10 849
5021	Furniture	43	65 281	6 355	1 563	369	12 348	6 621	4 491
5023	Home furnishings	43	47 199	4 636	1 042	318	11 435	7 109	6 358
503	Lumber and other construction materials	135	321 019	24 473	6 216	1 575	52 445	38 223	37 737
5031	Lumber, plywood and millwork	47	161 894	12 733	3 238	820	24 777	19 145	19 979
5039	Construction materials, n.e.c.	88	159 125	11 740	2 978	755	27 668	19 078	17 758
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	39	228 220	8 964	2 254	552	28 235	24 860	27 831
5041	Sporting and recreational goods and supplies	22	195 314	6 358	1 480	357	23 299	22 843	25 236
5042	Toys and hobby goods and supplies	10	18 549	1 636	549	110	3 040	1 395	1 969
5043	Photographic equipment and supplies	7	14 357	970	225	85	1 896	622	626
505	Metals and minerals, except petroleum	58	267 082	18 345	4 495	838	36 676	30 931	31 435
5051	Metals service centers and offices	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	227	711 872	45 316	11 588	2 371	91 994	54 611	54 309
5063	Electrical apparatus and equipment	114	309 091	23 645	6 087	1 275	44 247	26 256	24 782
5064	Electrical appliances, television and radio sets	32	167 735	10 837	2 929	558	25 480	19 653	18 917
5065	Electronic parts and equipment	81	235 046	10 834	2 572	538	22 267	8 702	10 610
507	Hardware, and plumbing and heating equipment and supplies	164	308 759	31 178	8 362	1 956	62 144	46 460	40 121
5072	Hardware	39	89 262	10 129	3 036	736	19 465	17 772	11 826
5074	Plumbing and heating equipment and supplies (hydronics)	78	119 281	10 702	2 707	752	22 460	16 517	16 656
5075	Warm air heating and air conditioning equipment and supplies	30	85 257	8 018	2 023	354	16 325	8 464	8 215
5078	Refrigeration equipment and supplies	17	14 959	2 329	596	114	3 894	3 707	3 424
508	Machinery, equipment, and supplies	693	1 797 444	176 361	44 398	8 624	319 583	275 937	273 384
5081	Commercial machines and equipment	145	680 344	53 249	12 845	2 379	90 483	35 424	37 813
5082	Construction and mining machinery and equipment	58	267 841	37 898	10 178	1 707	62 466	129 043	117 023
5083	Farm and garden machinery and equipment	61	114 480	9 085	2 145	590	18 807	31 308	32 206
5084	Industrial machinery and equipment	180	351 989	37 092	9 628	1 697	70 600	40 697	42 806
5085	Industrial supplies	104	184 276	17 374	4 321	911	33 909	20 112	20 567
5086	Professional equipment and supplies	77	110 395	13 277	3 189	763	26 116	11 205	14 017
5087	Service establishment equipment and supplies	57	36 555	5 255	1 215	365	10 322	3 417	3 623
5088	Transportation equipment and supplies, except motor vehicles	11	51 564	3 131	877	212	6 880	4 731	5 329
509	Miscellaneous durable goods	104	209 170	21 887	6 232	1 034	56 128	19 616	16 330
5093	Scrap and waste materials	42	44 888	5 059	1 349	399	14 636	6 121	5 957
5094	Jewelry, watches, diamonds and other precious stones	17	117 206	12 146	3 418	318	30 647	7 048	6 614
5099	Durable goods, n.e.c.	45	47 076	4 682	1 465	317	10 845	6 447	3 759

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS									
—Con.									
Wholesale trade—Con.									
51	Nondurable goods	807	4 001 479	162 701	39 391	10 231	372 125	192 403	198 098
5111	Paper and paper products	70	170 194	15 037	3 793	856	27 899	16 679	16 183
51111	Printing and writing paper	10	49 175	3 722	958	197	7 276	4 328	4 212
5112	Stationery supplies	46	50 587	7 106	1 705	465	12 681	5 792	5 575
5113	Industrial and personal service paper	14	70 432	4 209	1 130	194	7 942	6 559	6 396
5122	Drugs, drug proprietaries and druggists' sundries	26	178 005	6 303	1 688	431	13 364	16 472	19 331
51222	Drugs, drug proprietaries, and druggists' sundries	26	178 005	6 303	1 688	431	13 364	16 472	19 331
513	Apparel, piece goods, and notions	31	46 934	4 732	1 023	273	10 269	5 847	3 405
5133	Piece goods (woven fabrics)	8	18 859	2 142	454	131	4 119	2 136	2 065
5134	Notions and other dry goods	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	12	9 474	637	188	57	1 474	662	628
5139	Footwear	4	3 824	436	113	34	737	631	421
514	Groceries and related products	257	1 714 801	71 273	17 191	4 428	143 827	53 292	54 454
5141	Groceries, general line	29	665 606	24 495	5 755	1 364	44 264	32 564	34 643
5142	Frozen foods	16	113 782	4 193	1 083	270	8 851	1 650	1 749
5143	Dairy products	21	105 078	3 093	716	280	5 983	1 521	1 933
5144	Poultry and poultry products	19	191 513	3 579	918	226	7 613	3 383	2 151
5145	Confectionery	19	40 475	3 857	961	229	6 935	839	987
5146	Fish and seafoods	3	14 392	882	190	56	1 935	757	576
5147	Meats and meat products	26	83 719	5 216	1 176	386	10 599	3 673	3 257
5148	Fresh fruits and vegetables	36	90 056	5 941	1 678	348	12 579	1 076	1 119
5149	Groceries and related products, n.e.c.	88	410 180	20 017	4 714	1 269	45 068	7 829	8 039
515	Farm-product raw materials	42	269 120	4 509	939	433	12 380	4 331	5 183
5152	Cotton	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	23	138 621	2 576	553	144	6 438	1 669	2 742
5154	Livestock	11	110 876	1 353	298	244	3 585	908	631
5159	Farm-product raw materials, n.e.c.	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	76	118 514	14 308	3 739	721	32 429	11 587	13 063
5161	Chemicals and allied products	76	118 514	14 308	3 739	721	32 429	11 587	13 063
517	Petroleum and petroleum products	103	1 161 544	18 701	4 450	1 194	73 025	49 053	51 385
5171	Petroleum bulk stations and terminals	64	836 990	11 642	2 908	774	52 947	38 724	39 676
5172	Petroleum and petroleum products, except bulk stations and terminals	39	324 554	7 059	1 542	420	20 078	10 329	11 709
518	Beer, wine and distilled alcoholic beverages	17	74 926	7 108	1 793	308	14 214	3 027	3 310
5181	Beer and ale	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	185	267 441	20 730	4 775	1 587	44 718	32 115	31 784
5191	Farm supplies	72	113 851	8 043	1 760	622	17 821	14 232	13 767
5194	Tobacco and tobacco products	7	29 936	1 476	375	109	2 590	2 173	2 386
5198	Paints, varnishes, and supplies	30	36 610	3 798	864	235	7 913	4 196	4 422
5199	Nondurable goods, n.e.c.	76	87 044	7 413	1 776	621	16 394	11 514	11 209
	Merchant wholesalers	2 085	5 344 943	416 046	104 256	25 244	849 945	640 316	625 093
50	Durable goods	1 440	2 716 918	286 322	73 137	16 840	573 505	501 280	480 871
501	Motor vehicles and automotive parts and supplies	250	397 354	44 344	10 767	2 821	84 330	67 370	65 345
5012	Automobiles and other motor vehicles	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5013	Automotive parts and supplies	192	215 277	29 020	6 934	1 969	52 187	43 211	41 649
5014	Tires and tubes	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5021	Furniture	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5023	Home furnishings	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	115	226 174	20 197	5 117	1 346	42 574	28 095	27 504
5031	Lumber, plywood and millwork	44	141 026	11 126	2 839	716	21 374	16 268	16 729
5039	Construction materials, n.e.c.	71	85 148	9 071	2 278	630	21 200	11 827	10 775
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	32	178 180	8 109	2 052	520	26 529	24 860	27 831
5041	Sporting and recreational goods and supplies	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5042	Toys and hobby goods and supplies	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	44	117 885	11 868	2 971	616	25 498	24 791	22 190
5051	Metals service centers and offices	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	149	423 379	31 305	8 233	1 791	64 866	49 245	48 885
5063	Electrical apparatus and equipment	70	151 053	15 347	4 095	917	27 814	21 744	20 548
5064	Electrical appliances, television and radio sets	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5065	Electronic parts and equipment	52	(D)	(D)	(D)	(D)	(D)	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	135	224 426	24 620	6 754	1 689	49 088	43 355	36 907
5072	Hardware	29	71 885	9 071	2 750	683	17 714	16 747	10 644
5074	Plumbing and heating equipment and supplies (hydronics)	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5075	Warm air heating and air conditioning equipment and supplies	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)

UTAH-4 WHOLESALE TRADE—GEOGRAPHIC AREA SERIES

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS									
—Con.									
Merchant wholesalers —Con.									
Durable goods —Con.									
50	Machinery, equipment, and supplies	556	950 425	123 585	31 115	6 588	228 937	233 403	228 126
508	Commercial machines and equipment	113	112 435	19 548	4 513	1 138	36 627	15 349	17 107
5082	Construction and mining machinery and equipment	50	252 171	36 928	9 917	1 662	59 865	123 827	111 511
5083	Farm and garden machinery and equipment	61	114 480	9 085	2 145	590	18 807	31 308	32 206
5084	Industrial machinery and equipment	125	187 200	23 770	6 158	1 208	46 727	25 217	26 943
5085	Industrial supplies	77	136 832	15 678	3 904	824	29 947	18 875	19 564
5086	Professional equipment and supplies	68	95 650	11 949	2 910	694	23 338	10 679	11 843
5087	Service establishment equipment and supplies	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	95	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, diamonds and other precious stones	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	645	2 628 025	129 724	31 119	8 404	276 440	139 036	144 222
511	Paper and paper products	58	122 109	12 087	3 090	739	22 735	12 420	12 241
5111	Printing and writing paper	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5112	Stationery supplies	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	21	149 874	5 858	1 577	407	12 331	15 426	18 436
5122	Drugs, drug proprietaries, and druggists' sundries	21	149 874	5 858	1 577	407	12 331	15 426	18 436
513	Apparel, piece goods, and notions	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5133	Piece goods (woven fabrics)	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5134	Notions and other dry goods	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	5	2 039	199	79	27	409	252	210
5139	Footwear	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	188	1 200 052	53 757	12 854	3 453	105 817	49 558	51 442
5141	Groceries, general line	23	610 093	23 132	5 431	1 282	41 604	32 564	34 643
5142	Frozen foods	10	60 689	3 198	878	217	6 973	1 608	1 688
5143	Dairy products	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5144	Poultry and poultry products	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	14	27 146	2 828	724	172	5 066	782	924
5146	Fish and seafoods	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5148	Fresh fruits and vegetables	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5149	Groceries and related products, n.e.c.	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)
515	Farm-product raw materials	37	229 251	4 070	855	347	11 421	4 331	5 183
5152	Cotton	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	23	138 621	2 576	553	144	6 438	1 689	2 742
5154	Livestock	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	60	97 313	11 669	2 934	587	26 366	8 056	9 207
5161	Chemicals and allied products	60	97 313	11 669	2 934	587	26 366	8 056	9 207
517	Petroleum and petroleum products	82	510 034	14 132	3 146	933	38 834	15 859	16 614
5171	Petroleum bulk stations and terminals	50	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)
518	Beer, wine and distilled alcoholic beverages	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	-	-	-	-	-	-	-	-
519	Miscellaneous nondurable goods	164	213 374	17 894	4 220	1 448	38 264	25 640	25 667
5191	Farm supplies	69	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	7	29 936	1 476	375	109	2 590	2 173	2 386
5198	Paints, varnishes, and supplies	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	65	60 117	6 335	1 522	560	14 085	6 948	7 067
Manufacturers' sales branches and sales offices									
50	Durable goods	261	2 633 961	111 315	27 958	4 423	242 999	133 597	136 614
501	Motor vehicles and automotive parts and supplies	171	1 650 512	86 879	21 785	3 167	163 775	80 686	83 238
502	Furniture and home furnishings	13	340 358	5 486	1 483	242	9 258	11 421	8 195
503	Lumber and other construction materials	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	16	89 760	4 054	1 047	213	9 419	10 052	10 145
505	Metals and minerals, except petroleum	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	34	170 666	10 119	2 444	408	20 067	5 290	5 322
508	Machinery, equipment, and supplies	6	33 989	3 105	776	130	6 935	2 866	3 023
509	Miscellaneous durable goods	82	732 615	47 306	11 834	1 739	79 525	41 818	44 321
51	Nondurable goods	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
511	Paper and paper products	90	983 449	24 436	6 173	1 256	79 224	52 911	53 376
512	Drugs, drug proprietaries and druggists' sundries	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
515	Farm-product raw materials	35	217 027	10 727	2 639	591	25 202	3 698	2 997

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS									
—Con.									
Manufacturers' sales branches and sales offices—Con.									
51 Nondurable goods—Con.									
516	Chemicals and allied products	12	643 326 (D)	4 422 (D)	1 270 (D)	235 (D)	33 870 (D)	33 190 (D)	34 771 (D)
517	Petroleum and petroleum products	17	643 326 (D)	4 422 (D)	1 270 (D)	235 (D)	33 870 (D)	33 190 (D)	34 771 (D)
518	Beer, wine and distilled alcoholic beverages	1	41 331 (D)	2 459 (D)	469 (D)	113 (D)	5 787 (D)	6 470 (D)	6 112 (D)
519	Miscellaneous nondurable goods	11	41 331 (D)	2 459 (D)	469 (D)	113 (D)	5 787 (D)	6 470 (D)	6 112 (D)
Agent, brokers, and commission merchants									
50	Durable goods	239	747 330	23 587	5 796	1 349	46 245	1 723	1 976
501	Motor vehicles and automotive parts and supplies	9	30 997	902	219	85	2 488	74	49
502	Furniture and home furnishings	18	26 283	663	137	27	1 598	84	107
503	Lumber and other construction materials	4	5 085	222	52	16	452	76	88
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	44	117 827	3 892	911	172	7 061	76	102
507	Hardware, and plumbing and heating equipment and supplies	23	50 344	3 453	832	137	6 121	239	191
508	Machinery, equipment, and supplies	55	114 404	5 470	1 449	297	11 121	716	937
509	Miscellaneous durable goods	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	72	390 005	8 541	2 099	571	16 461	456	500
511	Paper and paper products	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	9	5 590	215	41	14	503	49	47
514	Groceries and related products	34	297 722	6 789	1 698	384	12 808	36	15
515	Farm-product raw materials	5	39 869	439	84	86	959	-	-
516	Chemicals and allied products	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	4	8 184	147	34	26	321	4	-
518	Beer, wine and distilled alcoholic beverages	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	10	12 736	377	86	26	667	5	5

Table 2. Comparative Statistics for the State: 1982 and 1977

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
Wholesale trade									
50	Durable goods	2 585	2 301	8 726 234	5 361 938	62.7	550 948	327 991	68.0
501	Motor vehicles and automotive parts and supplies	1 778	1 522	4 724 755	3 039 310	55.5	388 247	223 219	73.9
5012	Automobiles and other motor vehicles	272	278	768 709	787 579	-2.4	50 732	38 642	31.3
5013	Automotive parts and supplies	42	37	465 417	560 464	-17.0	15 856	13 613	16.5
5014	Tires and tubes	206	208	236 678	159 021	48.8	30 365	19 795	53.4
502	Furniture and home furnishings	24	33	66 614	68 094	-2.2	4 511	5 234	-13.8
5021	Furniture	86	65	112 480	76 206	47.6	10 991	6 391	72.0
5023	Home furnishings	43	27	65 281	31 119	109.8	6 355	3 397	87.1
503	Lumber and other construction materials	43	38	47 199	45 087	4.7	4 636	2 994	54.8
5031	Lumber, plywood and millwork	135	137	321 019	273 133	17.5	24 473	16 606	47.4
5039	Construction materials, n.e.c.	47	54	161 894	151 688	6.7	12 733	8 320	53.0
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	88	83	159 125	121 445	31.0	11 740	8 286	41.7
5041	Sporting and recreational goods and supplies	39	36	228 220	97 691	133.6	8 964	3 884	130.8
5042	Toys and hobby goods and supplies	22	20	195 314	84 107	132.2	6 358	2 484	156.0
5043	Photographic equipment and supplies	10	10	18 549	(D)	(D)	1 636	(D)	(D)
505	Metals and minerals, except petroleum	7	6	14 357	(D)	(D)	970	(D)	(D)
5051	Metals service centers and offices	58	49	267 082	186 656	43.1	18 345	9 192	99.6
5052	Coal and other minerals and ores	54	44	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	4	5	(D)	(D)	(D)	(D)	(D)	(D)
5063	Electrical apparatus and equipment	227	187	711 872	484 716	46.9	45 316	27 078	67.4
5064	Electrical appliances, television and radio sets	114	121	309 091	261 866	18.0	23 645	15 294	54.6
5065	Electronic parts and equipment	32	26	167 735	127 233	31.8	10 837	8 020	35.1
507	Hardware, and plumbing and heating equipment and supplies	81	40	235 046	95 617	145.8	10 834	3 764	187.8
5072	Hardware	164	126	308 759	189 473	63.0	31 178	18 414	69.3
5074	Plumbing and heating equipment and supplies (hydraulics)	39	39	89 262	57 561	55.1	10 129	6 256	61.9
5075	Warm air heating and air conditioning equipment and supplies	78	50	119 281	69 624	71.3	10 702	5 765	85.6
5078	Refrigeration equipment and supplies	30	29	85 257	48 166	77.0	8 018	4 857	65.1
		17	8	14 959	14 122	5.9	2 329	1 536	51.6

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales		Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)
Wholesale trade—Con.								
50	Durable goods—Con.							
508	Machinery, equipment, and supplies	693	561	1 797 444	838 271	114.4	176 361	91 468
5081	Commercial machines and equipment	145	109	680 344	158 670	328.8	53 249	27 211
5082	Construction and mining machinery and equipment	58	58	267 841	208 464	28.5	37 898	21 718
5083	Farm and garden machinery and equipment	61	65	114 480	67 127	70.5	9 085	6 670
5084	Industrial machinery and equipment	180	136	351 989	174 314	101.9	37 092	14 410
5085	Industrial supplies	104	86	184 276	119 492	54.2	17 374	10 648
5086	Professional equipment and supplies	77	55	110 395	64 155	72.1	13 277	6 831
5087	Service establishment equipment and supplies	57	43	36 555	34 093	7.2	5 255	3 503
5088	Transportation equipment and supplies, except motor vehicles	11	9	51 564	11 956	331.3	3 131	477
509	Miscellaneous durable goods	104	83	209 170	105 585	98.1	21 887	11 544
5093	Scrap and waste materials	42	42	44 888	(D)	(D)	5 059	(D)
5094	Jewelry, watches, diamonds and other precious stones	17	17	117 206	(D)	(D)	12 146	(D)
5099	Durable goods, n.e.c.	45	24	47 076	(D)	(D)	4 682	(D)
51	Nondurable goods	807	779	4 001 479	2 322 628	72.3	162 701	104 772
511	Paper and paper products	70	64	170 194	151 850	12.1	15 037	12 161
5111	Printing and writing paper	10	8	49 175	48 311	1.8	3 722	4 183
5112	Stationery supplies	46	41	50 587	(D)	(D)	7 106	(D)
5113	Industrial and personal service paper	14	15	70 432	(D)	(D)	4 209	(D)
512	Drugs, drug proprietaries and druggists' sundries	26	21	178 005	66 884	166.1	6 303	3 185
5122	Drugs, drug proprietaries, and druggists' sundries	26	21	178 005	66 884	166.1	6 303	3 185
513	Apparel, piece goods, and notions	31	31	46 934	43 649	7.5	4 732	2 154
5133	Piece goods (woven fabrics)	8	8	18 859	(D)	(D)	2 142	(D)
5134	Notions and other dry goods	3	5	(D)	6 783	(D)	186	(D)
5136	Men's and boys' clothing and furnishings	4	4	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	12	8	9 474	4 377	116.4	637	330
5139	Footwear	4	6	3 824	(D)	(D)	436	93.0
514	Groceries and related products	257	248	1 714 801	1 024 146	67.4	71 273	44 094
5141	Groceries, general line	29	28	665 606	331 055	101.1	24 495	13 564
5142	Frozen foods	16	'14	113 782	(D)	(D)	4 193	(D)
5143	Dairy products	21	32	105 078	58 290	80.3	3 093	1 946
5144	Poultry and poultry products	19	'16	191 513	'132 098	45.0	3 579	'1 933
5145	Confectionery	19	19	40 475	(D)	(D)	3 857	(D)
5146	Fish and seafoods	3	2	14 392	(D)	(D)	882	(D)
5147	Meats and meat products	26	29	83 719	122 391	-31.6	5 216	6 970
5148	Fresh fruits and vegetables	36	32	90 056	63 925	40.9	5 941	3 527
5149	Groceries and related products, n.e.c.	88	76	410 180	220 988	85.6	20 017	11 567
515	Farm-product raw materials	42	36	269 120	207 797	29.5	4 509	2 484
5152	Cotton	1	-	(D)	-	(D)	-	(D)
5153	Grain	23	15	138 621	(D)	(D)	2 576	(D)
5154	Livestock	11	15	110 876	113 256	-2.1	1 353	1 039
5159	Farm-product raw materials, n.e.c.	7	6	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	76	39	118 514	55 572	113.3	14 308	5 445
5161	Chemicals and allied products	76	39	118 514	55 572	113.3	14 308	5 445
517	Petroleum and petroleum products	103	145	1 161 544	480 508	141.7	18 701	13 167
5171	Petroleum bulk stations and terminals	64	105	836 990	428 394	(NC)	11 642	10 522
5172	Petroleum and petroleum products, except bulk stations and terminals	39	40	324 554	52 114	(NC)	7 059	2 645
518	Beer, wine and distilled alcoholic beverages	17	23	74 926	45 079	66.2	7 108	3 935
5181	Beer and ale	16	21	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	1	2	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	185	172	267 441	247 143	8.2	20 730	18 147
5191	Farm supplies	72	72	113 851	97 870	16.3	8 043	5 488
5194	Tobacco and tobacco products	7	6	29 936	19 651	52.3	1 476	784
5198	Paints, varnishes, and supplies	30	26	36 610	28 489	28.5	3 798	2 827
5199	Nondurable goods, n.e.c.	76	68	87 044	101 133	-13.9	7 413	9 048
Merchant wholesalers								
50	Durable goods	2 085	1 807	5 344 943	3 046 320	75.5	416 046	248 784
501	Motor vehicles and automotive parts and supplies	250	254	397 354	295 704	34.4	44 344	31 770
5012	Automobiles and other motor vehicles	37	31	(D)	(D)	(D)	(D)	(D)
5013	Automotive parts and supplies	192	195	215 277	147 788	45.7	29 020	18 854
5014	Tires and tubes	21	28	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	64	52	(D)	(D)	(D)	(D)	(D)
5021	Furniture	31	21	(D)	(D)	(D)	(D)	(D)
5023	Home furnishings	33	31	(D)	34 626	(D)	2 672	(D)
503	Lumber and other construction materials	115	112	226 174	165 011	37.1	20 197	13 263
5031	Lumber, plywood and millwork	44	47	141 026	110 982	27.1	11 126	7 045
5039	Construction materials, n.e.c.	71	65	85 148	54 029	57.6	9 071	6 218
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	32	28	178 180	67 269	164.9	8 109	3 524
5041	Sporting and recreational goods and supplies	17	14	(D)	(D)	(D)	(D)	(D)
5042	Toys and hobby goods and supplies	9	8	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	6	6	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	44	36	117 885	62 632	88.2	11 868	6 349
5051	Metals service centers and offices	42	33	(D)	62 070	(D)	6 243	(D)
5052	Coal and other minerals and ores	2	3	(D)	562	(D)	106	(D)

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales		Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)
Merchant wholesalers—Con.								
50	Durable goods—Con.							
506	Electrical goods	149	120	423 379	226 193	87.2	31 305	19 531
5063	Electrical apparatus and equipment	70	80	151 053	120 487	25.4	15 347	10 534
5064	Electrical appliances, television and radio sets	27	19	(D)	(D)	(D)	(D)	(D)
5065	Electronic parts and equipment	52	21	(D)	(D)	(D)	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	135	96	224 426	140 956	59.2	24 620	14 996
5072	Hardware	29	30	71 885	45 659	57.4	9 071	5 402
5074	Plumbing and heating equipment and supplies (hydronics)	66	41	(D)	58 567	(D)	(D)	5 325
5075	Warm air heating and air conditioning equipment and supplies	24	18	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	16	7	(D)	(D)	(D)	(D)	(D)
508	Machinery, equipment, and supplies	556	438	950 425	562 032	69.1	123 585	64 554
5081	Commercial machines and equipment	113	83	112 435	53 746	109.2	19 548	9 106
5082	Construction and mining machinery and equipment	50	45	252 171	186 059	35.5	36 928	20 436
5083	Farm and garden machinery and equipment	61	65	114 480	67 127	70.5	9 085	6 670
5084	Industrial machinery and equipment	125	87	187 200	90 476	106.9	23 770	10 112
5085	Industrial supplies	77	66	136 832	83 651	63.6	15 678	9 376
5086	Professional equipment and supplies	68	47	95 650	54 174	76.6	11 949	5 808
5087	Service establishment equipment and supplies	53	36	(D)	14 843	(D)	(D)	2 569
5088	Transportation equipment and supplies, except motor vehicles	9	9	(D)	11 956	(D)	(D)	477
509	Miscellaneous durable goods	95	79	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	40	42	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, diamonds and other precious stones	15	15	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	40	22	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	645	592	2 628 025	1 400 631	87.6	129 724	81 907
511	Paper and paper products	58	47	122 109	88 705	37.7	12 087	9 233
5111	Printing and writing paper	8	7	(D)	(D)	(D)	(D)	(D)
5112	Stationery supplies	38	28	(D)	15 069	(D)	(D)	2 801
5113	Industrial and personal service paper	12	12	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	21	17	149 874	(D)	(D)	5 858	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	21	17	149 874	(D)	(D)	5 858	(D)
513	Apparel, piece goods, and notions	20	20	(D)	18 560	(D)	(D)	1 702
5133	Piece goods (woven fabrics)	8	6	(D)	(D)	(D)	(D)	(D)
5134	Notions and other dry goods	3	1	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	1	1	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	5	8	2 039	4 377	-53.4	199	330
5139	Footwear	3	4	(D)	(D)	(D)	(D)	-39.7
514	Groceries and related products	188	182	1 200 052	611 800	96.2	53 757	33 287
5141	Groceries, general line	23	24	610 093	293 669	107.7	23 132	12 910
5142	Frozen foods	10	10	60 689	(D)	(D)	3 198	(D)
5143	Dairy products	15	24	(D)	24 433	(D)	(D)	1 055
5144	Poultry and poultry products	18	14	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	14	13	27 146	(D)	(D)	2 828	(D)
5146	Fish and seafoods	2	1	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	24	25	(D)	(D)	(D)	(D)	(D)
5148	Fresh fruits and vegetables	34	31	(D)	(D)	(D)	(D)	(D)
5149	Groceries and related products, n.e.c.	48	41	(D)	46 877	(D)	(D)	5 277
515	Farm-product raw materials	37	27	229 251	(D)	(D)	4 070	(D)
5152	Cotton	1	-	(D)	-	(D)	(D)	(D)
5153	Grain	23	14	138 621	(D)	(D)	2 576	(D)
5154	Livestock	7	7	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	6	6	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	60	30	97 313	42 402	129.5	11 669	4 564
5161	Chemicals and allied products	60	30	97 313	42 402	129.5	11 669	4 564
517	Petroleum and petroleum products	82	100	510 034	220 368	131.4	14 132	9 351
5171	Petroleum bulk stations and terminals	50	64	(D)	176 905	(NC)	(D)	7 052
5172	Petroleum and petroleum products, except bulk stations and terminals	32	36	(D)	43 463	(NC)	(D)	2 299
518	Beer, wine and distilled alcoholic beverages	15	21	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	15	20	(D)	40 313	(D)	(D)	3 515
5182	Wines and distilled alcoholic beverages	-	1	-	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	164	148	213 374	191 052	11.7	17 894	15 384
5191	Farm supplies	69	63	(D)	70 143	(D)	(D)	4 097
5194	Tobacco and tobacco products	7	6	29 936	19 651	52.3	1 476	784
5198	Paints, varnishes, and supplies	23	16	(D)	15 499	(D)	(D)	1 996
5199	Nondurable goods, n.e.c.	65	63	60 117	85 759	-29.9	6 335	8 507
	Manufacturers' sales branches and sales offices	261	278	2 633 961	1 761 974	49.5	111 315	60 815
50	Durable goods	171	163	1 650 512	1 159 792	42.3	86 879	45 748
501	Motor vehicles and automotive parts and supplies	13	18	340 358	(D)	(D)	5 486	(D)
502	Furniture and home furnishings	4	4	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	16	19	89 760	(D)	(D)	4 054	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	2	2	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	13	9	(D)	(D)	(D)	(D)	(D)

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales		Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)
Manufacturers' sales branches and sales offices—Con.								
50	Durable goods—Con.							
506	Electrical goods	34	26	170 666	(D)	(D)	10 119	(D)
507	Herdware, end plumbing and heating equipment and supplies	6	5	33 989	(D)	(D)	3 105	(D)
508	Machinery, equipment, and supplies	82	79	732 615	(D)	(D)	47 306	(D)
509	Miscellaneous durable goods	1	1	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	90	115	983 449	602 182	63.3	24 436	15 067
511	Paper and paper products	11	14	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	1	3	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	2	1	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	35	26	217 027	209 438	3.6	10 727	5 569
515	Farm-product raw materials	-	-	-	-	-	-	92.6
516	Chemicals and allied products	12	7	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	17	42	643 326	254 006	153.3	4 422	3 601
518	Beer, wine and distilled alcoholic beverages	1	-	(D)	-	(D)	(D)	(D)
519	Miscellaneous nondurable goods	11	22	41 331	(D)	(D)	2 459	(D)
51	Agents, brokers, and commission merchants	239	216	747 330	553 644	35.0	23 587	18 392
50	Durable goods	167	144	357 325	233 829	52.8	15 046	10 594
501	Motor vehicles and automotive parts and supplies	9	6	30 997	(D)	(D)	902	(D)
502	Furniture and home furnishings	18	9	26 283	(D)	(D)	663	(D)
503	Lumber and other construction materials	4	6	5 085	(D)	(D)	222	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	6	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	1	4	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	44	41	117 827	(D)	(D)	3 892	(D)
507	Hardware, end plumbing and heating equipment and supplies	23	25	50 344	(D)	(D)	3 453	(D)
508	Machinery, equipment, and supplies	55	44	114 404	(D)	(D)	5 470	(D)
509	Miscellaneous durable goods	8	3	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	72	72	390 005	319 815	21.9	8 541	7 798
511	Paper and paper products	1	3	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	4	1	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	9	10	5 590	(D)	(D)	215	(D)
514	Groceries and related products	34	40	297 722	202 908	46.7	6 789	5 238
515	Farm-product raw materials	5	9	39 869	(D)	(D)	439	(D)
516	Chemicals and allied products	4	2	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	4	3	8 184	6 134	33.4	147	215
518	Beer, wine and distilled alcoholic beverages	1	2	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	10	2	12 736	(D)	(D)	377	(D)

Table 3. Selected Ratios for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
Wholesale trade								
50	Durable goods	3 375 719	281 346	17 763	48.4	12	13.1	8.8
501	Motor vehicles and automotive parts and supplies	2 657 343	227 316	18 679	50.6	12	16.2	12.0
5012	Automobiles and other motor vehicles	2 826 136	244 190	16 116	52.8	12	12.5	9.6
5013	Automotive parts and supplies	11 081 357	551 442	18 787	49.2	20	6.9	5.3
5014	Tires and tubes	1 148 922	115 228	14 783	54.9	10	23.4	18.2
502	Furniture and home furnishings	1 307 907	163 726	15 999	46.2	8	21.1	9.6
5021	Furniture	1 518 163	176 913	17 222	51.5	9	18.9	6.9
5023	Home furnishings	1 097 651	148 425	14 579	40.5	7	24.2	13.5
503	Lumber and other construction materials	2 377 919	203 822	15 538	46.7	12	16.3	11.8
5031	Lumber, plywood and millwork	3 444 553	197 432	15 528	51.4	17	15.3	12.3
5039	Construction materials, n.e.c.	1 808 239	210 762	15 550	42.4	9	17.4	11.2
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5 851 795	413 442	16 239	31.7	14	12.4	12.2
5041	Sporting and recreational goods and supplies	8 877 909	547 098	17 810	27.3	16	11.9	12.9
5042	Toys and hobby goods and supplies	1 854 900	168 627	14 873	53.8	11	16.4	10.6
5043	Photographic equipment and supplies	2 051 000	168 906	11 412	51.2	12	13.2	4.4
505	Metals and minerals, except petroleum	4 604 862	318 714	21 891	50.0	14	13.7	11.8
5051	Metals service centers and offices	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	3 136 000	300 241	19 113	49.3	10	12.9	7.6
5063	Electrical apparatus and equipment	2 711 325	242 424	18 545	53.4	11	14.3	8.0
5064	Electrical appliances, television and radio sets	5 241 719	300 600	19 421	42.5	17	15.2	11.3
5065	Electronic parts and equipment	2 901 802	436 888	20 138	48.7	7	9.5	4.5

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
Wholesale trade—Con.								
50	Durable goods—Con.							
507	Hardware, and plumbing and heating equipment and supplies	1 882 677	157 852	15 940	50.2	12	20.1	13.0
5072	Hardware	2 288 769	121 280	13 762	52.0	19	21.8	13.2
5074	Plumbing and heating equipment and supplies (hydronics)	1 529 244	158 618	14 231	47.6	10	18.8	14.0
5075	Warm air heating and air conditioning equipment and supplies	2 841 900	240 839	22 650	49.1	12	19.1	9.6
5078	Refrigeration equipment and supplies	879 941	131 219	20 430	59.8	7	26.0	22.9
508	Machinery, equipment, and supplies	2 593 714	208 423	20 450	55.2	12	17.8	15.2
5081	Commercial machines and equipment	4 692 028	285 979	22 383	58.8	16	13.3	5.6
5082	Construction and mining machinery and equipment	4 617 948	156 907	22 202	60.7	29	23.3	43.7
5083	Farm and garden machinery and equipment	1 876 721	194 034	15 398	48.3	10	16.4	28.1
5084	Industrial machinery and equipment	1 955 494	207 418	21 857	52.5	9	20.1	12.2
5085	Industrial supplies	1 771 885	202 279	19 071	51.2	9	18.4	11.2
5086	Professional equipment and supplies	1 433 701	144 685	17 401	50.8	10	23.7	12.7
5087	Service establishment equipment and supplies	641 316	100 151	14 397	50.9	6	28.2	9.9
5088	Transportation equipment and supplies, except motor vehicles	4 687 636	243 226	14 769	45.5	19	13.3	10.3
509	Miscellaneous durable goods	2 011 250	202 292	21 167	39.0	10	26.8	7.8
5093	Scrap and waste materials	1 068 762	112 501	12 679	34.6	10	32.6	13.3
5094	Jewelry, watches, diamonds and other precious stones	6 894 471	368 572	38 195	39.6	19	26.1	5.6
5099	Durable goods, n.e.c.	1 046 133	148 505	14 770	43.2	7	23.0	8.0
51	Nondurable goods	4 958 462	391 113	15 903	43.7	13	9.3	5.0
511	Paper and paper products	2 431 343	198 825	17 567	53.9	12	16.4	9.5
5111	Printing and writing paper	4 917 500	249 619	18 893	51.2	20	14.8	8.6
5112	Stationery supplies	1 099 717	108 789	15 282	56.0	10	25.1	11.0
5113	Industrial and personal service paper	5 030 857	363 052	21 696	53.0	14	11.3	9.1
512	Drugs, drug proprietaries and druggists' sundries	6 846 346	413 005	14 624	47.2	17	7.5	10.9
5122	Drugs, drug proprietaries, and druggists' sundries	6 846 346	413 005	14 624	47.2	17	7.5	10.9
513	Apparel, piece goods, and notions	1 514 000	171 919	17 333	46.1	9	21.9	7.3
5133	Piece goods (woven fabrics)	2 357 375	143 962	16 351	52.0	16	21.8	10.9
5134	Notions and other dry goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	789 500	166 211	11 175	43.2	5	15.6	6.6
5139	Footwear	956 000	112 471	12 824	59.2	9	19.3	11.0
514	Groceries and related products	6 672 377	387 263	16 096	49.6	17	8.4	3.2
5141	Groceries, general line	22 951 931	487 981	17 958	55.3	47	6.7	5.2
5142	Frozen foods	7 111 375	421 415	15 530	47.4	17	7.8	1.5
5143	Dairy products	5 003 714	375 279	11 046	51.7	13	5.7	1.8
5144	Poultry and poultry products	10 079 632	847 403	15 836	47.0	12	4.0	1.1
5145	Confectionery	2 130 263	176 747	16 843	55.6	12	17.1	2.4
5146	Fish and seafoods	4 797 333	257 000	15 750	45.6	19	13.4	4.0
5147	Meats and meat products	3 219 962	216 889	13 513	49.2	15	12.7	3.9
5148	Fresh fruits and vegetables	2 501 556	258 782	17 072	47.2	10	14.0	1.2
5149	Groceries and related products, n.e.c.	4 661 136	323 231	15 774	44.4	14	11.0	2.0
515	Farm-product raw materials	6 407 619	621 524	10 413	36.4	10	4.6	1.9
5152	Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	6 027 000	962 646	17 889	40.0	6	4.6	2.0
5154	Livestock	10 079 636	454 410	5 545	37.7	22	3.2	.6
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	1 559 395	164 374	19 845	44.1	9	27.4	11.0
5161	Chemicals and allied products	1 559 395	164 374	19 845	44.1	9	27.4	11.0
517	Petroleum and petroleum products	11 277 126	972 817	15 662	25.6	12	6.3	4.4
5171	Petroleum bulk stations and terminals	13 077 969	1 081 382	15 041	22.0	12	6.3	4.7
5172	Petroleum and petroleum products, except bulk stations and terminals	8 321 897	772 748	16 807	35.2	11	6.2	3.6
518	Beer, wine and distilled alcoholic beverages	4 407 412	243 266	23 078	50.0	18	19.0	4.4
5181	Beer and ale	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	1 445 627	168 520	13 062	46.4	9	16.7	11.9
5191	Farm supplies	1 581 264	183 040	12 931	45.1	9	15.7	12.1
5194	Tobacco and tobacco products	4 276 571	274 642	13 541	57.0	16	8.7	8.0
5198	Paints, varnishes, and supplies	1 220 333	155 787	16 162	48.0	8	21.6	12.1
5199	Nondurable goods, n.e.c.	1 145 316	140 167	11 937	45.2	8	18.8	12.9
	Merchant wholesalers	2 563 522	211 731	16 481	48.9	12	15.9	11.7
50	Durable goods	1 886 749	161 337	17 002	49.9	12	21.1	17.7
501	Motor vehicles and automotive parts and supplies	1 589 416	140 856	15 719	52.6	11	21.2	16.4
5012	Automobiles and other motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5013	Automotive parts and supplies	1 121 234	109 333	14 736	55.6	10	24.2	19.3
5014	Tires and tubes	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5021	Furniture	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5023	Home furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	1 966 730	168 034	15 005	47.4	12	18.8	12.2
5031	Lumber, plywood and millwork	3 205 136	196 964	15 539	52.1	16	15.2	11.9
5039	Construction materials, n.e.c.	1 199 268	135 156	14 398	42.8	9	24.9	12.7

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A.]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
Merchant wholesalers—Con.								
50	Durable goods—Con.							
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5 568 125	342 654	15 594	30.6	16	14.9	15.6
5041	Sporting and recreational goods and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5042	Toys and hobby goods and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	2 679 205	191 372	19 266	46.5	14	21.6	18.8
5051	Metals service centers and offices	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	2 841 470	236 393	17 479	48.3	12	15.3	11.5
5063	Electrical apparatus and equipment	2 157 900	164 725	16 736	55.2	13	18.4	13.6
5064	Electrical appliances, television and radio sets	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5065	Electronic parts and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	1 662 415	132 875	14 577	50.2	13	21.9	16.4
5072	Hardware	2 478 793	105 249	13 281	51.2	24	24.6	14.8
5074	Plumbing and heating equipment and supplies (hydronics)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5075	Warm air heating and air conditioning equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
508	Machinery, equipment, and supplies	1 709 397	144 266	18 759	54.0	12	24.1	24.0
5081	Commercial machines and equipment	995 000	98 801	17 178	53.4	10	32.6	15.2
5082	Construction and mining machinery and equipment	5 043 420	151 727	22 219	61.7	33	23.7	44.2
5083	Farm and garden machinery and equipment	1 876 721	194 034	15 398	48.3	10	16.4	28.1
5084	Industrial machinery and equipment	1 497 600	154 967	19 677	50.9	10	25.0	14.4
5085	Industrial supplies	1 777 039	166 058	19 027	52.4	11	21.9	14.3
5086	Professional equipment and supplies	1 406 618	137 824	17 218	51.2	10	24.4	12.4
5087	Service establishment equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, diamonds and other precious stones	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	4 074 457	312 711	15 436	46.9	13	10.5	5.5
511	Paper and paper products	2 105 328	165 235	16 356	53.2	13	18.6	10.0
5111	Printing and writing paper	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5112	Stationery supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	7 136 857	368 241	14 393	47.5	19	8.2	12.3
5122	Drugs, drug proprietaries, and druggists' sundries	7 136 857	368 241	14 393	47.5	19	8.2	12.3
513	Apparel, piece goods, and notions	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5133	Piece goods (woven fabrics)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5134	Notions and other dry goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	407 800	75 519	7 370	48.7	5	20.1	10.3
5139	Footwear	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	6 383 255	347 539	15 568	50.8	18	8.8	4.3
5141	Groceries, general line	26 525 783	475 892	18 044	55.6	56	6.8	5.7
5142	Frozen foods	6 068 900	279 673	14 737	45.9	22	11.5	2.8
5143	Dairy products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5144	Poultry and poultry products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	1 939 000	157 826	16 442	55.8	12	18.7	3.4
5146	Fish and seafoods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5148	Fresh fruits and vegetables	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5149	Groceries and related products, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
515	Farm-product raw materials	6 195 973	660 666	11 729	35.6	9	5.0	2.3
5152	Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	6 027 000	962 646	17 889	40.0	6	4.6	2.0
5154	Livestock	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	1 621 883	165 780	19 879	44.3	10	27.1	9.5
5161	Chemicals and allied products	1 621 883	165 780	19 879	44.3	10	27.1	9.5
517	Petroleum and petroleum products	6 219 927	546 660	15 147	36.4	11	7.6	3.3
5171	Petroleum bulk stations and terminals	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	(D)	(D)	(D)	(D)	(D)	(D)	(D)
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	-	-	-	-	-	-	-
519	Miscellaneous nondurable goods	1 301 061	147 358	12 358	46.8	9	17.9	12.0
5191	Farm supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	4 276 571	274 642	13 541	57.0	16	8.7	8.0
5198	Paints, varnishes, and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	924 877	107 352	11 313	45.0	9	23.4	11.8

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Manufacturers' sales branches and sales offices	10 091 805	595 515	25 167	45.8	17	9.2	5.2
50	Durable goods	9 652 117	521 159	27 433	53.0	19	9.9	5.0
501	Motor vehicles and automotive parts and supplies	26 181 385	1 406 438	22 669	59.3	19	2.7	2.4
502	Furniture and home furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	5 610 000	421 408	19 033	43.0	13	10.5	11.3
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	5 019 588	418 299	24 801	50.4	12	11.8	3.1
507	Hardware, and plumbing and heating equipment and supplies	5 664 833	261 454	23 885	44.8	22	20.4	8.9
508	Machinery, equipment, and supplies	8 934 329	421 285	27 203	59.5	21	10.9	6.0
509	Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	10 927 211	783 001	19 455	30.8	14	8.1	5.4
511	Paper and paper products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	6 200 771	367 220	18 151	42.6	17	11.6	1.4
515	Farm-product raw materials	-	-	-	-	-	-	-
516	Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	37 842 706	2 737 557	18 817	13.1	14	5.3	5.4
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	3 757 364	365 761	21 761	42.5	10	14.0	14.8
	Agents, brokers, and commission merchants	3 126 904	553 988	17 485	51.0	6	6.2	.3
50	Durable goods	2 139 671	459 287	19 339	50.5	5	8.3	.4
501	Motor vehicles and automotive parts and supplies	3 444 111	364 671	10 612	36.3	9	8.0	.2
502	Furniture and home furnishings	1 460 167	973 444	24 556	41.5	2	6.1	.4
503	Lumber and other construction materials	1 271 250	317 813	13 875	49.1	4	8.9	1.7
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	2 677 886	685 041	22 628	55.1	4	6.0	.1
507	Hardware, and plumbing and heating equipment and supplies	2 188 870	367 474	25 204	56.4	6	12.2	.4
508	Machinery, equipment, and supplies	2 080 073	385 199	18 418	49.2	5	9.7	.8
509	Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	5 416 736	683 021	14 958	51.9	8	4.2	.1
511	Paper and paper products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	621 111	399 286	15 357	42.7	2	9.0	.8
514	Groceries and related products	8 756 529	775 318	17 680	53.0	11	4.3	-
515	Farm-product raw materials	7 973 800	463 593	5 105	45.8	17	2.4	-
516	Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	2 046 000	314 769	5 654	45.8	7	3.9	-
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	1 273 600	489 846	14 500	56.5	3	5.2	-

¹Based on number of employees for pay period including March 12.

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Other operating types		
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
	PROVO-OREM SMSA										
	Wholesale trade	187	283 872	19 132	1 425	175	229 081	16 941	1 270	12	54 791
50	Durable goods	114	115 543	11 093	795	110	103 177	10 856	783	4	12 366
501	Motor vehicles and automotive parts and supplies	23	(D)	(D)	(D)	23	(D)	(D)	(D)	-	-
502	Furniture and home furnishings	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
503	Lumber and other construction materials	9	12 159	582	44	7	(D)	(D)	(D)	2	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
505	Metals and minerals, except petroleum	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
PROVO-OREM SMSA—Con.											
50	Durable goods—Con.										
506	Electrical goods	14	22 891	2 001	140	14	22 891	2 001	140	-	-
507	Hardware, and plumbing and heating equipment and supplies	(D)	(D)	(D)	(D)	16	(D)	(D)	(D)	-	-
508	Machinery, equipment, and supplies	33	32 707	3 479	237	31	(D)	(D)	(D)	2	(D)
509	Miscellaneous durable goods	11	3 823	520	46	11	3 823	520	46	-	(D)
51	Nondurable goods	73	168 329	8 039	630	65	125 904	6 085	487	8	42 425
511	Paper and paper products	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
512	Drugs, drug proprietaries and druggists' sundries	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
513	Apparel, piece goods, and notions	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
514	Groceries and related products	22	54 390	3 357	271	18	(D)	(D)	(D)	4	(D)
515	Farm-product raw materials	3	(D)	(D)	(D)	1	(D)	(D)	(D)	2	(D)
516	Chemicals and allied products	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
517	Petroleum and petroleum products	7	61 059	1 340	58	7	61 059	1 340	58	-	-
518	Beer, wine and distilled alcoholic beverages	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
519	Miscellaneous nondurable goods	25	19 854	1 624	133	25	19 854	1 624	133	-	-
SALT LAKE CITY-OGDEN SMSA											
	Wholesale trade	1 954	7 517 109	479 501	26 048	1 529	4 382 453	355 937	20 912	425	3 134 656
50	Durable goods	1 407	4 199 559	349 174	18 228	1 107	2 314 564	252 566	14 505	300	1 884 995
501	Motor vehicles and automotive parts and supplies	206	730 426	46 471	2 769	185	(D)	(D)	(D)	21	(D)
5012	Automobiles and other motor vehicles	39	(D)	(D)	(D)	34	(D)	(D)	(D)	5	(D)
5013	Automotive parts and supplies	147	214 303	26 980	1 745	134	(D)	(D)	(D)	13	(D)
5014	Tires and tubes	20	(D)	(D)	(D)	17	33 461	2 640	171	3	(D)
502	Furniture and home furnishings	78	109 199	10 584	654	56	(D)	(D)	(D)	22	(D)
5021	Furniture	40	(D)	(D)	(D)	28	(D)	(D)	(D)	12	(D)
5023	Home furnishings	38	(D)	(D)	(D)	28	(D)	(D)	(D)	10	(D)
503	Lumber and other construction materials	106	293 587	21 983	1 341	89	207 505	18 154	1 148	17	86 082
5031	Lumber, plywood and millwork	34	152 185	11 523	680	32	(D)	(D)	(D)	2	(D)
5039	Construction materials, n.e.c.	72	141 402	10 460	661	57	(D)	(D)	(D)	15	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	35	(D)	(D)	(D)	28	(D)	(D)	(D)	7	50 040
5041	Sporting and recreational goods and supplies	19	(D)	(D)	(D)	14	76 014	4 313	272	5	(D)
5042	Toys and hobby goods and supplies	10	18 549	1 636	110	9	(D)	(D)	(D)	1	(D)
5043	Photographic equipment and supplies	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
505	Metals and minerals, except petroleum	44	238 371	16 400	729	34	(D)	(D)	(D)	10	(D)
5051	Metals service centers and offices	42	(D)	(D)	(D)	33	(D)	(D)	(D)	9	(D)
5052	Coal and other minerals and ores	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
506	Electrical goods	191	674 485	41 996	2 151	114	(D)	(D)	(D)	77	(D)
5063	Electrical apparatus and equipment	92	277 313	21 325	1 130	49	(D)	(D)	(D)	43	(D)
5064	Electrical appliances, television and radio sets	28	165 790	10 487	531	23	(D)	(D)	(D)	5	(D)
5065	Electronic parts and equipment	71	231 382	10 184	490	42	(D)	(D)	(D)	29	(D)
507	Hardware, and plumbing and heating equipment and supplies	131	275 545	27 654	1 694	102	191 212	21 096	1 427	29	84 333
5072	Hardware	35	(D)	(D)	(D)	25	(D)	(D)	(D)	10	17 377
5074	Plumbing and heating equipment and supplies (hydronics)	57	91 504	7 730	537	45	(D)	(D)	(D)	12	(D)
5075	Warm air heating and air conditioning equipment and supplies	25	81 874	7 677	326	19	(D)	(D)	(D)	6	(D)
5078	Refrigeration equipment and supplies	14	(D)	(D)	(D)	13	(D)	(D)	(D)	1	(D)
508	Machinery, equipment, and supplies	537	1 544 360	156 390	7 518	429	800 835	108 058	5 645	108	743 525
5081	Commercial machines and equipment	128	670 661	51 624	2 279	97	(D)	(D)	(D)	31	(D)
5082	Construction and mining machinery and equipment	39	235 774	35 176	1 559	35	(D)	(D)	(D)	4	(D)
5083	Farm and garden machinery and equipment	20	54 280	3 936	231	20	54 280	3 936	231	-	(D)
5084	Industrial machinery and equipment	132	226 919	28 476	1 341	99	149 871	18 948	985	33	77 048
5085	Industrial supplies	91	167 826	16 399	854	66	(D)	(D)	(D)	25	(D)
5086	Professional equipment and supplies	70	108 241	13 090	746	61	93 496	11 762	677	9	14 745
5087	Service establishment equipment and supplies	48	(D)	(D)	(D)	44	(D)	(D)	(D)	4	(D)
5088	Transportation equipment and supplies, except motor vehicles	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
509	Miscellaneous durable goods	79	(D)	(D)	(D)	70	98 187	10 494	676	9	(D)
5093	Scrap and waste materials	29	28 368	3 500	280	27	(D)	(D)	(D)	2	(D)
5094	Jewelry, watches, diamonds and other precious stones	14	(D)	(D)	(D)	12	(D)	(D)	(D)	2	(D)
5099	Durable goods, n.e.c.	36	(D)	(D)	(D)	31	(D)	(D)	(D)	5	(D)

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
SALT LAKE CITY-OGDEN SMSA—Con.											
51	Nondurable goods	547	3 317 550	130 327	7 820	422	2 067 889	103 371	6 407	125	1 249 661
511	Paper and paper products	58	165 111	14 173	787	48	(D)	(D)	(D)	10	(D)
5111	Printing and writing paper	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
5112	Stationery supplies	35	(D)	(D)	(D)	29	33 499	4 755	344	6	(D)
5113	Industrial and personal service paper	14	70 432	4 209	194	12	(D)	(D)	(D)	2	(D)
512	Drugs, drug proprietaries and druggists' sundries	23	177 691	6 264	423	18	149 560	5 819	399	5	28 131
5122	Drugs, drug proprietaries, and druggists' sundries	23	177 691	6 264	423	18	149 560	5 819	399	5	28 131
513	Apparel, piece goods, and notions	26	45 957	4 593	251	16	(D)	(D)	(D)	10	(D)
5133	Piece goods (woven fabrics)	6	(D)	(D)	(D)	6	18 187	2 040	120	-	(D)
5134	Notions and other dry goods	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	(D)
5136	Men's and boys' clothing and furnishings	4	(D)	(D)	(D)	1	(D)	(D)	(D)	3	(D)
5137	Women's, children's and infants' clothing and accessories	9	(D)	(D)	(D)	3	(D)	(D)	(D)	6	(D)
5139	Footwear	4	3 824	436	34	3	(D)	(D)	(D)	1	(D)
514	Groceries and related products	192	1 555 866	61 090	3 647	138	1 088 170	46 645	2 843	54	467 696
5141	Groceries, general line	25	652 147	23 755	1 334	20	(D)	(D)	(D)	5	(D)
5142	Frozen foods	14	(D)	(D)	(D)	9	(D)	(D)	(D)	5	(D)
5143	Dairy products	10	(D)	(D)	(D)	9	(D)	(D)	(D)	1	(D)
5144	Poultry and poultry products	17	(D)	(D)	(D)	16	(D)	(D)	(D)	1	(D)
5145	Confectionery	14	(D)	(D)	(D)	9	(D)	(D)	(D)	5	13 329
5146	Fish and seafoods	3	(D)	(D)	(D)	2	10 392	838	52	1	(D)
5147	Meats and meat products	15	(D)	(D)	(D)	13	(D)	(D)	(D)	2	(D)
5148	Fresh fruits and vegetables	29	(D)	(D)	(D)	27	(D)	(D)	(D)	2	(D)
5149	Groceries and related products, n.e.c.	65	(D)	(D)	(D)	33	(D)	(D)	(D)	32	(D)
515	Farm-product raw materials	19	176 868	3 061	209	18	(D)	(D)	(D)	1	(D)
5152	Cotton	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)
5153	Grain	9	123 830	2 010	97	9	123 830	2 010	97	-	(D)
5154	Livestock	4	35 465	516	70	3	(D)	(D)	(D)	1	(D)
5159	Farm-product raw materials, n.e.c.	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	(D)
516	Chemicals and allied products	60	95 219	9 977	526	50	(D)	(D)	(D)	10	(D)
5161	Chemicals and allied products	60	95 219	9 977	526	50	(D)	(D)	(D)	10	(D)
517	Petroleum and petroleum products	42	851 936	9 755	575	30	234 857	5 805	374	12	617 079
5171	Petroleum bulk stations and terminals	23	653 506	7 117	450	17	(D)	(D)	(D)	6	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	19	198 430	2 638	125	13	(D)	(D)	(D)	6	(D)
518	Beer, wine and distilled alcoholic beverages	7	56 969	5 672	237	5	(D)	(D)	(D)	2	(D)
5181	Beer and ale	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
5182	Wines and distilled alcoholic beverages	1	(D)	(D)	(D)	-	(D)	(D)	(D)	1	(D)
519	Miscellaneous nondurable goods	120	191 933	15 742	1 165	99	137 866	12 906	1 026	21	54 067
5191	Farm supplies	27	47 792	3 599	262	24	(D)	(D)	(D)	3	(D)
5194	Tobacco and tobacco products	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	(D)
5198	Paints, varnishes, and supplies	24	35 002	3 570	213	17	(D)	(D)	(D)	7	(D)
5199	Nondurable goods, n.e.c.	63	(D)	(D)	(D)	52	(D)	(D)	(D)	11	26 927

Table 5. Summary Statistics for the Area Outside Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's see appendix D]

SIC code	Kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
Wholesale trade											
50	Durable goods	444	925 253	52 315	3 543	381	733 409	43 168	3 062	63	191 844
501	Motor vehicles and automotive parts and supplies	257	409 653	27 980	1 762	223	299 177	22 900	1 552	34	110 476
502	Furniture and home furnishings	43	(D)	(D)	(D)	42	(D)	(D)	(D)	1	(D)
503	Lumber and other construction materials	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	20	15 273	1 908	190	19	(D)	(D)	(D)	1	(D)
505	Metals and minerals, except petroleum	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	(D)
		11	(D)	(D)	(D)	7	10 072	896	59	4	(D)

Table 5. Summary Statistics for the Area Outside Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's see appendix D.]

SIC code	Kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
50	Durable goods—Con.										
506	Electrical goods	22	14 496	1 319	80	21	(D)	(D)	(D)	1	(D)
507	Hardware, and plumbing and heating equipment and supplies	17	(D)	(D)	(D)	17	(D)	(D)	(D)	-	(D)
508	Machinery, equipment, and supplies	123	220 377	16 492	869	96	(D)	(D)	(D)	27	(D)
509	Miscellaneous durable goods	14	(D)	(D)	(D)	14	(D)	(D)	(D)	-	(D)
51	Nondurable goods	187	515 600	24 335	1 781	158	434 232	20 268	1 510	29	81 368
511	Paper and paper products	4	(D)	(D)	(D)	3	1 611	323	17	1	(D)
512	Drugs, drug proprietaries and druggists' sundries	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)
513	Apparel, piece goods, and notions	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
514	Groceries and related products	43	104 545	6 826	510	32	(D)	(D)	(D)	11	(D)
515	Farm-product raw materials	20	(D)	(D)	(D)	18	61 836	1 044	127	2	(D)
516	Chemicals and allied products	14	(D)	(D)	(D)	9	10 654	2 449	96	5	(D)
517	Petroleum and petroleum products	54	248 549	7 606	561	45	214 118	6 987	501	9	34 431
518	Beer, wine and distilled alcoholic beverages	8	(D)	(D)	(D)	8	(D)	(D)	(D)	-	(D)
519	Miscellaneous nondurable goods	40	55 654	3 364	289	40	55 654	3 364	289	-	-

Table 6. Summary Statistics for Counties With 200 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types						
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)					
SALT LAKE COUNTY																
Wholesale trade																
50	Durable goods	1 214	3 932 098	324 287	16 689	942	2 114 303	231 406	13 139	272	1 817 795					
501	Motor vehicles and automotive parts and supplies	165	661 281	40 790	2 432	146	314 171	35 415	2 135	19	347 110					
5012	Automobiles and other motor vehicles	28	433 531	14 051	742	24	(D)	(D)	(D)	4	(D)					
5013	Automotive parts and supplies	121	197 651	24 567	1 559	108	(D)	(D)	(D)	13	(D)					
5014	Tires and tubes	16	30 099	2 172	131	14	(D)	(D)	(D)	2	(D)					
502	Furniture and home furnishings	74	107 204	10 355	637	53	(D)	(D)	(D)	21	(D)					
5021	Furniture	38	62 156	5 981	345	26	(D)	(D)	(D)	12	(D)					
5023	Home furnishings	36	45 048	4 374	292	27	(D)	(D)	(D)	9	(D)					
503	Lumber and other construction materials	91	276 966	20 515	1 234	77	198 122	17 034	1 059	14	78 844					
5031	Lumber, plywood and millwork	28	145 142	10 604	612	26	(D)	(D)	(D)	2	(D)					
5039	Construction materials, n.e.c.	63	131 824	9 911	622	51	(D)	(D)	(D)	12	(D)					
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	29	118 080	6 917	444	25	(D)	(D)	(D)	4	(D)					
5041	Sporting and recreational goods and supplies	14	85 218	4 316	252	12	(D)	(D)	(D)	2	(D)					
5042	Toys and hobby goods and supplies	9	(D)	(D)	(D)	8	(D)	(D)	(D)	1	(D)					
5043	Photographic equipment and supplies	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)					
505	Metals and minerals, except petroleum	39	221 873	14 530	651	30	82 918	8 601	455	9	138 955					
5051	Metals service centers and offices	37	(D)	(D)	(D)	29	(D)	(D)	(D)	8	(D)					
5052	Coal and other minerals and ores	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)					
506	Electrical goods	162	629 122	38 382	1 923	93	358 463	25 292	1 391	69	270 659					
5063	Electrical apparatus and equipment	80	257 719	19 626	1 021	41	110 578	11 824	692	39	147 141					
5064	Electrical appliances, television and radio sets	22	(D)	(D)	(D)	17	106 953	7 851	408	5	(D)					
5065	Electronic parts and equipment	60	(D)	(D)	(D)	35	140 932	5 617	291	25	(D)					
507	Hardware, and plumbing and heating equipment and supplies	113	252 153	25 280	1 506	84	167 820	18 722	1 239	29	84 333					
5072	Hardware	33	81 797	9 172	662	23	64 420	8 114	609	10	17 377					
5074	Plumbing and heating equipment and supplies (hydronics)	47	79 098	6 569	440	35	(D)	(D)	(D)	12	(D)					
5075	Warm air heating and air conditioning equipment and supplies	21	78 281	7 335	301	15	(D)	(D)	(D)	6	(D)					
5078	Refrigeration equipment and supplies	12	12 977	2 204	103	11	(D)	(D)	(D)	1	(D)					
508	Machinery, equipment, and supplies	474	1 483 274	148 906	7 098	375	(D)	(D)	(D)	99	(D)					
5081	Commercial machines and equipment	113	662 394	50 236	2 207	84	96 375	16 843	978	29	566 019					
5082	Construction and mining machinery and equipment	37	(D)	(D)	(D)	33	222 339	34 007	1 504	4	(D)					
5083	Farm and garden machinery and equipment	15	49 527	3 383	194	15	49 527	3 383	194	-	(D)					
5084	Industrial machinery and equipment	119	217 502	27 306	1 278	88	(D)	(D)	(D)	31	(D)					
5085	Industrial supplies	80	154 350	14 680	776	58	116 274	13 381	705	22	38 076					

Table 6. Summary Statistics for Counties With 200 Establishments or More: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
SALT LAKE COUNTY—Con.											
50	Durable goods—Con.										
508	Machinery, equipment, and supplies—Con.										
5086	Professional equipment and supplies	67	104 474	12 633	710	59	(D)	(D)	(D)	8	(D)
5087	Service establishment equipment and supplies	38	28 125	3 889	257	34	(D)	(D)	(D)	4	(D)
5088	Transportation equipment and supplies, except motor vehicles	5	(D)	(D)	(D)	4	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods	67	182 145	18 612	764	59	(D)	(D)	(D)	8	(D)
5093	Scrap and waste materials	22	(D)	(D)	(D)	20	(D)	(D)	(D)	2	(D)
5094	Jewelry, watches, diamonds and other precious stones	11	115 420	11 864	278	10	(D)	(D)	(D)	1	(D)
5099	Durable goods, n.e.c.	34	(D)	(D)	(D)	29	(D)	(D)	(D)	5	(D)
51	Nondurable goods	429	2 753 724	110 273	6 436	317	1 548 527	84 673	5 108	112	1 205 197
511	Paper and paper products	50	151 160	12 798	685	41	104 837	10 068	576	9	46 323
5111	Printing and writing paper	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
5112	Stationery supplies	28	42 253	5 707	352	23	(D)	(D)	(D)	5	(D)
5113	Industrial and personal service paper	13	(D)	(D)	(D)	11	34 346	3 065	126	2	(D)
512	Drugs, drug proprietaries and druggists' sundries	19	173 008	5 816	387	15	(D)	(D)	(D)	4	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	19	173 008	5 816	387	15	(D)	(D)	(D)	4	(D)
513	Apparel, piece goods, and notions	23	(D)	(D)	(D)	13	35 455	3 853	206	10	(D)
5133	Piece goods (woven fabrics)	5	18 415	2 058	119	5	(D)	(D)	(D)	-	(D)
5134	Notions and other dry goods	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	(D)
5136	Men's and boys' clothing and furnishings	3	(D)	(D)	(D)	-	(D)	(D)	(D)	3	(D)
5137	Women's, children's and infants' clothing and accessories	8	8 821	551	45	2	(D)	(D)	(D)	6	(D)
5139	Footwear	4	3 824	436	34	3	(D)	(D)	(D)	1	(D)
514	Groceries and related products	158	1 338 561	53 213	3 169	108	(D)	(D)	(D)	50	(D)
5141	Groceries, general line	23	(D)	(D)	(D)	18	459 420	20 094	1 108	5	(D)
5142	Frozen foods	12	102 512	3 707	241	7	(D)	(D)	(D)	5	(D)
5143	Dairy products	8	62 948	1 528	111	7	(D)	(D)	(D)	1	(D)
5144	Poultry and poultry products	13	178 890	2 903	143	12	(D)	(D)	(D)	1	(D)
5145	Confectionery	12	(D)	(D)	(D)	8	9 575	1 047	81	4	(D)
5146	Fish and seafoods	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
5147	Meats and meat products	12	52 461	3 397	240	10	(D)	(D)	(D)	2	(D)
5148	Fresh fruits and vegetables	23	71 210	4 601	247	21	(D)	(D)	(D)	2	(D)
5149	Groceries and related products, n.e.c.	53	332 283	13 422	850	24	63 745	4 000	312	29	268 538
515	Farm-product raw materials	8	19 160	721	55	8	(D)	(D)	(D)	-	(D)
5152	Cotton	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)
5153	Grain	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)
5154	Livestock	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)
5159	Farm-product raw materials, n.e.c.	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	(D)
516	Chemicals and allied products	50	84 943	9 107	491	41	78 863	8 507	462	9	6 080
5161	Chemicals and allied products	50	84 943	9 107	491	41	78 863	8 507	462	9	6 080
517	Petroleum and petroleum products	21	737 136	6 840	303	14	151 065	3 483	150	7	586 071
5171	Petroleum bulk stations and terminals	11	568 088	4 948	217	7	(D)	(D)	(D)	4	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	10	169 048	1 892	86	7	(D)	(D)	(D)	3	(D)
518	Beer, wine and distilled alcoholic beverages	5	(D)	(D)	(D)	3	35 639	3 347	133	2	(D)
5181	Beer and ale	4	(D)	(D)	(D)	3	35 639	3 347	133	1	(D)
5182	Wines and distilled alcoholic beverages	1	(D)	(D)	(D)	-	-	-	-	1	(D)
519	Miscellaneous nondurable goods	95	162 869	12 999	917	74	108 802	10 163	778	21	54 067
5191	Farm supplies	16	35 961	2 762	183	13	(D)	(D)	(D)	3	(D)
5194	Tobacco and tobacco products	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	(D)
5198	Paints, varnishes, and supplies	20	28 854	2 913	182	13	(D)	(D)	(D)	7	(D)
5199	Nondurable goods, n.e.c.	53	(D)	(D)	(D)	42	(D)	(D)	(D)	11	26 927

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Other operating types		
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
SALT LAKE CITY											
	Wholesale trade -----	928	5 066 087	298 826	15 405	709	2 529 302	207 503	11 839	219	2 536 785
50	Durable goods -----	685	2 766 335	215 568	10 828	529	1 239 586	142 029	8 148	156	1 526 749
501	Motor vehicles and automotive parts and supplies -----	97	520 967	28 136	1 715	84	(D)	(D)	(D)	13	(D)
5012	Automobiles and other motor vehicles -----	15	363 328	7 877	451	12	(D)	(D)	(D)	3	(D)
5013	Automotive parts and supplies -----	71	(D)	(D)	(D)	63	121 929	17 586	1 096	8	(D)
5014	Tires and tubes -----	11	(D)	(D)	(D)	9	(D)	(D)	(D)	2	(D)
502	Furniture and home furnishings -----	42	64 296	7 375	405	36	57 889	7 014	390	6	6 407
5021	Furniture -----	21	36 793	4 909	259	18	33 026	4 775	254	3	3 767
5023	Home furnishings -----	21	27 503	2 466	146	18	24 863	2 239	136	3	2 640
503	Lumber and other construction materials -----	53	201 804	13 218	747	43	(D)	(D)	(D)	10	(D)
5031	Lumber, plywood and millwork -----	14	100 723	7 326	396	13	(D)	(D)	(D)	1	(D)
5039	Construction materials, n.e.c. -----	39	101 081	5 892	351	30	(D)	(D)	(D)	9	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies -----	15	97 810	5 198	325	12	(D)	(D)	(D)	3	(D)
5041	Sporting and recreational goods and supplies -----	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
5042	Toys and hobby goods and supplies -----	4	8 120	977	62	4	8 120	977	62	-	-
5043	Photographic equipment and supplies -----	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
505	Metals and minerals, except petroleum -----	27	197 243	12 294	549	20	62 589	7 035	370	7	134 654
5051	Metals service centers and offices -----	25	(D)	(D)	(D)	19	(D)	(D)	(D)	6	(D)
5052	Coal and other minerals and ores -----	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
506	Electrical goods -----	98	318 231	21 720	994	53	139 204	12 303	647	45	179 027
5063	Electrical apparatus and equipment -----	52	169 553	12 476	551	25	62 525	6 506	329	27	107 028
5064	Electrical appliances, television and radio sets -----	12	51 723	3 198	182	9	44 353	2 922	167	3	7 370
5065	Electronic parts and equipment -----	34	96 955	6 046	261	19	32 326	2 875	151	15	64 629
507	Hardware, and plumbing and heating equipment and supplies -----	54	131 859	14 002	908	38	94 124	10 811	768	16	37 735
5072	Hardware -----	21	70 257	7 724	583	13	(D)	(D)	(D)	8	(D)
5074	Plumbing and heating equipment and supplies (hydraulics) -----	16	26 395	2 103	143	12	20 162	1 291	106	4	6 233
5075	Warm air heating and air conditioning equipment and supplies -----	10	25 243	2 606	108	6	(D)	(D)	(D)	4	(D)
5078	Refrigeration equipment and supplies -----	7	9 964	1 569	74	7	9 964	1 569	74	-	-
508	Machinery, equipment, and supplies -----	266	1 079 817	97 244	4 596	212	432 878	57 967	3 105	54	646 939
5081	Commercial machines and equipment -----	64	587 767	39 603	1 672	47	59 749	11 454	653	17	528 018
5082	Construction and mining machinery and equipment -----	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment -----	8	38 254	2 285	137	8	38 254	2 285	137	-	-
5084	Industrial machinery and equipment -----	68	145 903	20 110	916	49	84 366	11 646	597	19	61 537
5085	Industrial supplies -----	45	102 659	10 590	554	36	84 785	10 172	522	9	17 874
5086	Professional equipment and supplies -----	31	52 840	5 447	319	29	(D)	(D)	(D)	2	(D)
5087	Service establishment equipment and supplies -----	25	19 963	2 399	164	22	(D)	(D)	(D)	3	(D)
5088	Transportation equipment and supplies, except motor vehicles -----	4	34 048	2 074	144	3	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods -----	33	154 308	16 381	589	31	(D)	(D)	(D)	2	(D)
5093	Scrap and waste materials -----	12	10 322	1 911	159	12	10 322	1 911	159	-	-
5094	Jewelry, watches, diamonds and other precious stones -----	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1	(D)
5099	Durable goods, n.e.c. -----	12	(D)	(D)	(D)	11	17 088	2 218	91	1	(D)
51	Nondurable goods -----	243	2 299 752	83 258	4 577	180	1 289 716	65 474	3 691	63	1 010 036
511	Paper and paper products -----	32	132 835	10 311	530	28	94 376	8 337	454	4	38 459
5111	Printing and writing paper -----	7	48 680	3 630	188	6	(D)	(D)	(D)	1	(D)
5112	Stationery supplies -----	15	28 935	3 492	209	13	(D)	(D)	(D)	2	(D)
5113	Industrial end personal service paper -----	10	55 220	3 189	133	9	(D)	(D)	(D)	1	(D)
512	Drugs, drug proprietaries and druggists' sundries -----	11	156 174	4 634	267	9	(D)	(D)	(D)	2	(D)
5122	Drugs, drug proprietaries, and druggists' sundries -----	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2	(D)
513	Apparel, piece goods, and notions -----	9	35 053	3 759	182	7	(D)	(D)	(D)	2	(D)
5133	Piece goods (woven fabrics) -----	5	18 087	2 021	119	5	18 087	2 021	119	-	-
5134	Notions and other dry goods -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
5136	Men's and boys' clothing and furnishings -----	1	(D)	(D)	(D)	-	(D)	(D)	(D)	1	(D)
5137	Women's, children's and infants' clothing and accessories -----	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)
5139	Footwear -----	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
514	Groceries and related products -----	89	1 065 685	40 974	2 339	59	725 015	31 682	1 837	30	340 670
5141	Groceries, general line -----	13	468 098	19 863	1 085	11	(D)	(D)	(D)	2	(D)
5142	Frozen foods -----	7	43 362	1 757	123	5	(D)	(D)	(D)	2	(D)
5143	Dairy products -----	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
5144	Poultry and poultry products -----	5	145 516	1 708	68	4	(D)	(D)	(D)	1	(D)
5145	Confectionery -----	9	19 177	1 885	125	6	(D)	(D)	(D)	3	(D)
5146	Fish and seafoods -----	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
5147	Meats and meat products -----	8	27 212	2 292	165	7	(D)	(D)	(D)	1	(D)
5148	Fresh fruits and vegetables -----	15	52 617	3 267	156	13	(D)	(D)	(D)	2	(D)
5149	Groceries and related products, n.e.c. -----	27	255 066	9 065	562	10	44 539	2 678	211	17	210 527
515	Farm-product raw materials -----	3	14 678	441	35	3	(D)	(D)	(D)	-	(D)
5152	Cotton -----	-	-	-	-	-	-	-	-	-	-
5153	Grain -----	-	-	-	-	-	-	-	-	-	-
5154	Livestock -----	-	-	-	-	-	-	-	-	-	-
5159	Farm-product raw materials, n.e.c. -----	3	14 678	441	35	3	(D)	(D)	(D)	-	(D)
516	Chemicals and allied products -----	31	69 788	6 615	345	25	(D)	(D)	(D)	6	(D)
5161	Chemicals and allied products -----	31	69 788	6 615	345	25	(D)	(D)	(D)	6	(D)

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
SALT LAKE CITY—Con.											
51	Nondurable goods—Con.										
517	Petroleum and petroleum products	13	688 070	5 381	203	8	(D)	(D)	(D)	5	(D)
5171	Petroleum bulk stations and terminals	6	(D)	(D)	(D)	3	(D)	(D)	(D)	3	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
518	Beer, wine and distilled alcoholic beverages	4	(D)	(D)	(D)	3	35 639	3 347	133	1	(D)
5181	Beer and ale	4	(D)	(D)	(D)	3	35 639	3 347	133	1	(D)
5182	Wines and distilled alcoholic beverages	-	-	-	-	-	-	-	-	-	-
519	Miscellaneous nondurable goods	51	(D)	(D)	(D)	38	69 108	5 453	412	13	(D)
5191	Farm supplies	7	21 464	1 071	95	6	(D)	(D)	(D)	1	(D)
5194	Tobacco and tobacco products	3	21 801	1 153	85	3	21 801	1 153	85	-	-
5198	Paints, varnishes, and supplies	10	7 547	1 042	68	5	3 878	630	43	5	3 669
5199	Nondurable goods, n.e.c.	31	(D)	(D)	(D)	24	(D)	(D)	(D)	7	(D)

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
Utah										
Beaver County	4	3 850	189	12	4	(D)	(D)	(D)	-	(D)
Box Elder County	29	64 187	4 286	320	27	(D)	(D)	(D)	2	(D)
Brigham City	7	11 908	1 046	86	6	(D)	(D)	(D)	-	(D)
Tremonton	10	21 824	1 005	80	10	(D)	(D)	(D)	-	(D)
Balance of county	12	30 455	2 235	154	11	(D)	(D)	(D)	1	(D)
Cache County	67	94 692	6 156	502	60	77 162	5 610	439	7	17 530
Hyrum	-	-	-	-	-	-	-	-	-	-
Logan	50	75 522	5 126	384	46	(D)	(D)	(D)	4	(D)
Providence	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
Smithfield	6	9 637	240	51	5	(D)	(D)	(D)	1	(D)
Balance of county	11	(D)	(D)	(D)	9	(D)	(D)	(D)	2	(D)
Carbon County	51	84 497	6 516	352	43	64 291	5 990	315	8	20 206
Helper	8	8 820	967	63	7	(D)	(D)	(D)	1	(D)
Price	33	57 458	4 166	203	26	(D)	(D)	(D)	7	(D)
Balance of county	10	18 219	1 383	86	10	18 219	1 383	86	-	-
Daggett County	-	-	-	-	-	-	-	-	-	-
Davis County	122	418 363	19 504	1 177	98	351 016	16 069	1 004	24	67 347
Bountiful	40	41 717	3 804	239	32	34 957	3 444	221	8	6 760
Centerville	5	2 299	443	21	4	(D)	(D)	(D)	1	(D)
Clearfield	15	51 165	2 927	143	12	(D)	(D)	(D)	3	(D)
Clinton	3	2 272	244	20	3	2 272	244	20	-	-
Farmington	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Fruit Heights	1	(D)	(D)	(D)	-	-	-	-	1	(D)
Kaysville	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
Layton	12	(D)	(D)	(D)	12	(D)	(D)	(D)	-	-
North Salt Lake	18	57 284	2 994	192	12	43 585	2 396	166	6	13 699
Sunset	-	-	-	-	-	-	-	-	-	-
Syracuse	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
West Bountiful	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
Woods Cross	7	36 013	1 212	79	6	(D)	(D)	(D)	1	(D)
Balance of county	8	(D)	(D)	(D)	5	(D)	(D)	(D)	3	(D)
Duchesne County	28	44 985	3 412	184	22	31 087	2 230	124	6	13 898
Roosevelt	20	36 544	2 635	133	16	(D)	(D)	(D)	4	(D)
Balance of county	8	8 441	777	51	6	(D)	(D)	(D)	2	(D)
Emery County	5	3 024	594	34	4	(D)	(D)	(D)	1	(D)
Garfield County	4	2 456	93	11	4	2 456	93	11	-	-
Grand County	7	63 157	2 623	148	7	63 157	2 623	148	-	-
Moab	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
Balance of county	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Iron County	32	49 173	2 250	183	31	(D)	(D)	(D)	1	(D)
Cedar City	27	(D)	(D)	(D)	26	(D)	(D)	(D)	1	(D)
Balance of county	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More:
1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F.]

Geographic area	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
Utah—Con.										
Juab County	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
Nephi	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
Balance of county	-	-	-	-	-	-	-	-	-	-
Kane County	5	7 201	406	24	5	(D)	(D)	(D)	-	(D)
Millard County	18	18 646	1 415	149	18	(D)	(D)	(D)	-	(D)
Morgan County	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
Piute County	-	-	-	-	-	-	-	-	-	-
Rich County	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Salt Lake County	1 643	6 685 822	434 560	23 125	1 259	3 662 830	316 079	18 247	384	3 022 992
Draper Δ	4	(D)	(D)	(D)	3	(D)	(D)	(D)	1	(D)
Midvale	38	85 312	5 668	402	31	59 915	4 272	309	7	25 397
Murray	92	135 567	14 656	1 000	76	92 256	11 251	850	16	43 311
Riverton	4	10 336	266	17	3	(D)	(D)	(D)	1	(D)
Salt Lake City	928	5 066 087	298 826	15 405	709	2 529 302	207 503	11 839	219	2 536 785
Sandy City	30	30 579	2 584	162	21	15 377	1 941	142	9	15 202
South Jordan	3	863	101	9	2	(D)	(D)	(D)	1	(D)
South Salt Lake	191	529 577	41 697	2 130	143	281 097	28 897	1 567	48	248 480
West Jordan	17	89 935	6 114	392	16	(D)	(D)	(D)	1	(D)
West Valley City Δ	76	121 213	12 050	678	65	(D)	(D)	(D)	11	(D)
Balance of county	260	(D)	(D)	(D)	190	471 008	44 844	2 495	70	-
San Juan County	7	18 157	671	79	6	(D)	(D)	(D)	1	(D)
Blanding	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Balance of county	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
Sanpete County	14	(D)	(D)	(D)	14	(D)	(D)	(D)	-	-
Ephraim	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Balance of county	12	(D)	(D)	(D)	12	(D)	(D)	(D)	-	-
Sevier County	28	81 482	2 547	232	26	(D)	(D)	(D)	2	(D)
Richfield	14	31 964	1 279	114	13	(D)	(D)	(D)	1	(D)
Balance of county	14	49 518	1 268	118	13	(D)	(D)	(D)	1	(D)
Summit County	16	21 508	1 311	147	14	(D)	(D)	(D)	2	(D)
Park City (part) Δ	8	11 025	442	24	7	(D)	(D)	(D)	1	(D)
Balance of county	8	10 483	869	123	7	(D)	(D)	(D)	1	(D)
Tooele County	8	9 918	713	47	7	(D)	(D)	(D)	1	(D)
Grantsville	-	-	-	-	-	-	-	-	-	-
Tooele	6	(D)	(D)	(D)	5	3 466	526	36	1	(D)
Balance of county	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Uintah County	70	180 422	11 364	540	44	77 897	6 132	335	26	102 525
Vernal	58	161 707	9 578	475	35	(D)	(D)	(D)	23	(D)
Balance of county	12	18 715	1 786	65	9	(D)	(D)	(D)	3	(D)
Utah County	187	283 872	19 132	1 425	175	229 081	16 941	1 270	12	54 791
Alpine	4	1 075	101	13	4	1 075	101	13	-	(D)
American Fork	12	21 164	1 237	65	11	(D)	(D)	(D)	1	(D)
Lehi	6	24 649	1 136	59	5	(D)	(D)	(D)	1	(D)
Lindon	6	11 557	908	48	5	(D)	(D)	(D)	1	(D)
Mapleton	4	988	94	24	4	988	94	24	-	-
Orem	51	50 281	5 160	380	50	(D)	(D)	(D)	1	(D)
Payson	4	1 935	219	25	4	1 935	219	25	-	-
Pleasant Grove	4	4 598	222	21	4	4 598	222	21	-	-
Provo	66	116 368	7 216	560	60	90 269	5 406	457	6	26 099
Spanish Fork	15	28 877	1 191	130	13	(D)	(D)	(D)	2	(D)
Springville	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
Balance of county	10	(D)	(D)	(D)	10	(D)	(D)	(D)	-	-
Wasatch County	12	23 304	978	78	11	(D)	(D)	(D)	1	(D)
Heber	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
Park City (part) A	-	-	-	-	-	-	-	-	-	-
Balance of county	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
Washington County	33	56 503	4 126	341	30	(D)	(D)	(D)	3	(D)
St. George	29	47 815	3 531	296	26	(D)	(D)	(D)	3	(D)
Washington	-	-	-	-	-	-	-	-	-	-
Balance of county	4	8 688	595	45	4	(D)	(D)	(D)	-	(D)
Wayne County	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
Weber County	181	403 006	24 724	1 699	165	(D)	(D)	(D)	16	(D)
North Ogden	2	(D)	(D)	(D)	-	-	-	-	2	(D)
Ogden	148	361 509	20 879	1 408	136	329 678	19 794	1 352	12	31 831
Pleasant View	-	-	-	-	-	-	-	-	-	-
Riverdale	8	6 096	650	50	8	6 096	650	50	-	-
Roy	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
South Ogden	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
Washington Terrace	-	-	-	-	-	-	-	-	-	-
Balance of county	15	30 996	2 761	205	13	(D)	(D)	(D)	2	(D)

Table 9. Counties Ranked by Volume of Sales: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ , see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Utah -----	(X)	8 726 234	8 726 234	100.0	Utah—Con.				
Salt Lake -----	1	6 685 822	6 685 822	76.6	Millard -----	16	18 646	8 573 619	98.3
Davis -----	2	418 363	7 104 185	81.4	San Juan -----	17	18 157	8 591 776	98.5
Weber -----	3	403 006	7 507 191	86.0	Tooele -----	18	9 918	8 601 694	98.6
Utah -----	4	283 872	7 791 063	89.3	Kane -----	19	7 201	8 608 895	98.7
Uintah -----	5	180 422	7 971 485	91.4	Beaver -----	20	3 850	8 612 745	98.7
Cache -----	6	94 692	8 066 177	92.4	Emery -----	21	3 024	8 615 769	98.7
Carbon -----	7	84 497	8 150 674	93.4	Garfield -----	22	2 456	8 618 225	98.8
Sevier -----	8	81 482	8 232 156	94.3	Daggett -----	23	-	8 618 225	98.8
Box Elder -----	9	64 187	8 296 343	95.1	Piute -----	24	-	8 618 225	98.8
Grand -----	10	63 157	8 359 500	95.8	Juab -----	(X)	(D)	(X)	(X)
Washington -----	11	56 503	8 416 003	96.4	Morgan -----	(X)	(D)	(X)	(X)
Iron -----	12	49 173	8 465 176	97.0	Rush -----	(X)	(D)	(X)	(X)
Duchesne -----	13	44 985	8 510 161	97.5	Sanpete -----	(X)	(D)	(X)	(X)
Wasatch -----	14	23 304	8 533 465	97.8	Wayne -----	(X)	(D)	(X)	(X)
Summit -----	15	21 508	8 554 973	98.0					

¹Counties with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

Table 10. Places With 2,500 Inhabitants or More Ranked by Volume of Sales: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ , see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Utah -----	(X)	8 726 234	8 726 234	100.0	Utah—Con.				
Salt Lake City -----	1	5 066 087	5 066 087	58.1	Riverdale -----	31	6 096	7 349 510	84.2
South Salt Lake -----	2	529 577	5 595 664	64.1	Pleasant Grove -----	32	4 598	7 354 108	84.3
Ogden -----	3	361 509	5 957 173	68.3	Centerville -----	33	2 299	7 356 407	84.3
Vernal -----	4	161 707	6 118 880	70.1	Clinton -----	34	2 272	7 356 679	84.3
Murray -----	5	135 567	6 254 447	71.7	Payson -----	35	1 935	7 360 614	84.4
West Valley City Δ -----	6	121 213	6 375 660	73.1	Alpine -----	36	1 075	7 361 689	84.4
Provo -----	7	116 368	6 492 028	74.4	Mapleton -----	37	988	7 362 677	84.4
West Jordan -----	8	89 935	6 581 963	75.4	South Jordan -----	38	863	7 363 540	84.4
Midvale -----	9	85 312	6 667 275	76.4	Grantsville -----	39	-	7 363 540	84.4
Logan -----	10	75 522	6 742 797	77.3	Hyrum -----	40	-	7 363 540	84.4
Price -----	11	57 458	6 800 255	77.9	Pleasant View -----	41	-	7 363 540	84.4
North Salt Lake -----	12	57 284	6 857 539	78.6	Sunset -----	42	-	7 363 540	84.4
Clearfield -----	13	51 165	6 908 704	79.2	Washington -----	43	-	7 363 540	84.4
Orem -----	14	50 281	6 958 985	79.7	Washington Terrace -----	44	-	7 363 540	84.4
St. George -----	15	47 815	7 006 800	80.3	Blanding -----	(X)	(D)	(X)	(X)
Bountiful -----	16	41 717	7 048 517	80.8	Cedar City -----	(X)	(D)	(X)	(X)
Roosevelt -----	17	36 544	7 085 061	81.2	Draper Δ -----	(X)	(D)	(X)	(X)
Woods Cross -----	18	36 013	7 121 074	81.6	Ephraim -----	(X)	(D)	(X)	(X)
Richfield -----	19	31 964	7 153 038	82.0	Farmington -----	(X)	(D)	(X)	(X)
Sandy City -----	20	30 579	7 183 617	82.3	Fruit Heights -----	(X)	(D)	(X)	(X)
Spanish Fork -----	21	28 877	7 212 494	82.7	Heber -----	(X)	(D)	(X)	(X)
Lehi -----	22	24 649	7 237 143	82.9	Kaysville -----	(X)	(D)	(X)	(X)
Tremonton -----	23	21 824	7 258 967	83.2	Layton -----	(X)	(D)	(X)	(X)
American Fork -----	24	21 164	7 280 131	83.4	Moab -----	(X)	(D)	(X)	(X)
Brigham City -----	25	11 908	7 292 039	83.6	Nephi -----	(X)	(D)	(X)	(X)
Lindon -----	26	11 557	7 303 596	83.7	North Ogden -----	(X)	(D)	(X)	(X)
Park City -----	27	11 025	7 314 621	83.8	Providence -----	(X)	(D)	(X)	(X)
Riverton -----	28	10 336	7 324 957	83.9	Roy -----	(X)	(D)	(X)	(X)
Smithfield -----	29	9 637	7 334 594	84.1	South Ogden -----	(X)	(D)	(X)	(X)
Helper -----	30	8 820	7 343 414	84.2	Springville -----	(X)	(D)	(X)	(X)

¹Places with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

APPENDIX A. General Explanation

CENSUS COVERAGE AND METHODOLOGY

Structure and method of enumeration—All wholesale firms that had at least one quarter of payroll in 1982 were included in the census of wholesale trade and were mailed either a regular census form or a short classification form. The coverage and the method of obtaining census information from each follow:

1. Large companies, i.e., all multiunit firms and all single-unit firms above the payroll size cutoff established to separate large from small employers, and a 10-percent sample of the small employers were mailed the appropriate 1982 Census of Distributive Trades establishment report forms. Although the payroll cutoff varied by kind of business, small employers generally included firms with one to three employees and represented about 10 percent of total wholesale sales. For the large companies, a report of company organization is conducted periodically to identify firms which operated establishments at more than one location and to obtain information on payroll and mid-March employment at each location. The 1981 Report of Company Organization was used as a coverage check in the census. In the census mailing package containing the appropriate 1982 questionnaires, multiestablishment firms also were sent a form to use in updating the list of establishments with those opened since 1981.
2. Small companies other than those included in the 10-percent sample described above were mailed the classification forms, which did not include questions on payroll, employment, and sales by commodity lines. Data on payroll and employment for these firms were derived or estimated from administrative records of other Federal agencies.

Method of classifying kinds of business—Establishments receiving the regular census forms were classified on the basis of their answers to questions on sales by commodity lines and other inquiries. Those that received classification forms were classified on the basis of their self-designation and answers to other inquiries.

COMPARABILITY OF THE 1977 AND 1982 CENSUSES

The 1977 and 1982 censuses were conducted under similar conditions and procedures except for the following:

Geographic areas—The boundaries of a number of areas for which data are shown in the 1982 census are not the same as in the 1977 census because of annexations, other boundary changes, redefinitions of SMSA's, and changes in qualifying criteria since 1977.

In 1977, separate data were published for certain census-defined unincorporated places with 25,000 inhabitants or more. For 1982, data for census-defined unincorporated places are no longer shown separately but are included as part of the "remainder of county" statistics. In addition, improved methods, used in the 1982 census for determining the proper geographic areas into which businesses are tabulated within a given county, resulted in a number of businesses that were not tabulated as part of the "remainder of county" statistics in previous censuses being included within the "remainder of county" for 1982.

In 1977, special economic urban areas (see Geographic Areas Covered in introductory text) in New England qualified for separate publication if they had an urban population of at least 2,500 and a total population of at least 10,000. For 1982, the urban population requirement has been eliminated, and the area must have a population of 10,000 to qualify for separate publication.

Standard Industrial Classification—In both 1982 and 1977, classifications are based on the 1972 Standard Industrial Classification (SIC) Manual¹ and on a supplement issued in 1977 showing minor revisions and clarifications to the SIC structure. As a result of a later clarification in 1982 by the SIC committee, the sale of crude oil from bulk storage facilities has been classified in petroleum bulk stations and terminals (5171) rather than petroleum and petroleum products (5172) as it was in 1977 and all previous censuses.

Payroll and employment—The 1977 employment item included three pay-period statistics omitted from the 1982 inquiry: the number of paid employees for the pay period including the 12th of May, August, and November. These statistics are collected and published by the Bureau of Labor Statistics.

Inventories—In 1982, inventories were reported at cost or market using generally accepted accounting methods. Inventories calculated on a last-in-first-out (LIFO) basis were reported before the LIFO adjustment. In 1977, inventories were reported by valuation method and summed to a total for each establishment; in prior censuses, all inventories were reported at cost. Method of valuation data are collected in the Annual Trade Survey.

EXPLANATION OF TERMS

Establishments—An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

which may consist of one establishment or more. Census of wholesale trade figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Estimates of this number were derived from a sample and will be provided in the Miscellaneous Subjects report (WC82-I-4). Each census report was tabulated according to the physical location at which the business was conducted. The count of establishments in this publication represents the number in business at the end of the year.

A comparison of the number of establishments in business at the end of the year versus the number active any time during the year for the United States as a whole is presented by kind-of-business group in appendix G of the United States Summary report included as part of this series.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted under the same ownership at a single location, and when conditions prescribed by the SIC manual for recognizing the existence of more than one establishment were met, separate establishment reports for each of the different activities were obtained in the census.

Firms—A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. For economic census purposes, the terms "firm" and "company" are synonymous.

Sales—Sales include merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in wholesale trade; receipts from rental or leasing of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; and gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer and passed on to the wholesaler.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from total sales. Total sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; and non-operating income from such sources as investments, rental or sale of real estate, etc.

Sales in this report do not include wholesale sales made by manufacturers, retailers, service establishments, or other businesses whose primary activity is other than wholesale trade. They do include receipts other than from the sales of merchandise at wholesale, e.g., service receipts, retail sales, etc., by establishments primarily engaged in wholesale trade.

Although the count of establishments represents the number in business at the end of the year, the sales figures include sales of all establishments in business at any time during the year. Sales shown for agents and brokers represent the value of the goods involved in the transactions rather than the commissions received or earnings.

Annual payroll—Payroll includes all forms of compensation such as salaries, wages, commissions, bonuses, vacation allowance, sick-leave pay, and the value of payments in kind (e.g., free meals and lodgings), paid during the year to all employees. For corporations, it includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the Internal Revenue Service on form 941.

First quarter payroll—This item consists of payroll, as defined above, paid to persons employed at any time during the quarter January to March 1982.

Paid employees for pay period including March 12—Paid employees consist of the full-time and part-time employees, including salaried officers and executives of corporations, who were on the payroll in the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that used on IRS form 941.

1982 and 1981 inventories—Inventories consist of stocks of merchandise for sale at the end of 1982 and 1981. They are reported on an ownership basis; all merchandise owned by reporting establishments is included, even though some may be held by others for sale on consignment. Goods held by the reporting establishment, but owned by others, are not included. Data for 1982 and 1981 inventories LIFO composition will be published in the 1982 Census of Wholesale Trade Miscellaneous Subjects report (WC82-I-4).

Operating expenses—Operating expenses include payroll as well as overhead expenses of the establishment. They do not include the cost of goods sold or income or excise taxes. Nor do they include withdrawals by proprietors or partners of unincorporated businesses.

Auxiliary establishments—Each company included in the census was asked to identify and report separately those auxiliary locations whose primary functions were to manage, administer, service, or support the activities of the other establishments of the company. Data for auxiliaries which primarily service wholesale establishments are presented for selected industrial classifications in tables included in the United States Summary report. Data for auxiliaries are presented for more detailed industry breakdowns in a subsequent report issued as part of the 1982 Enterprise Statistics reports.

KIND-OF-BUSINESS CLASSIFICATIONS

Wholesale trade, major groups 50 and 51 in the 1972 SIC manual, includes establishments primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; or to other wholesalers; or acting as agents or brokers in buying merchandise for or selling merchandise to such persons or companies.

The principal types of establishments included are:

1. Merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, drop shippers, retailer cooperative warehouses, terminal elevators, and cooperative buying associations.
2. Manufacturers' sales branches and sales offices (but not retail stores) maintained by manufacturing or mining enterprises apart from their plants or mines for the purpose of marketing their products.
3. Agents, brokers, and commission merchants who buy or sell products owned by others on a commission or agency basis.

Establishments primarily engaged in the wholesale distribution of used products are classified on the basis of the product sold.

Establishments primarily engaged in selling merchandise to contractors are included in wholesale trade, with the exception of lumber yards and paint, glass, and wallpaper stores. These exceptions are classified in retail trade if they sell to the general public, even if a higher proportion of their sales is made to contractors.

Establishments covered by the census were assigned a kind-of-business classification according to the industry classifications defined in the 1972 SIC Manual. When a more detailed classification was needed than that defined in the SIC Manual, more kinds of business were identified within a SIC.

Kind-of-business classifications are not interchangeable with commodity classifications, because most businesses sell several kinds of commodities. The kind-of-business code assigned generally reflects either the individual commodity or the commodity group which is the primary source of the establishment's receipts, or some mixture of commodities which characterizes the establishment's business. Thus, the classification of establishments by kind of business generally does not make it possible to determine either the number of establishments handling a particular commodity or the sales of that commodity. For example, the groceries and related products classification excludes establishments selling food if the sale of food is not the primary source of receipts; moreover, even though establishments are classified as groceries and related products, some of their receipts may be derived from the sale of nonfood products. Information on the extent to which commodities are handled by different kinds of business is available in the 1982 Census of Wholesale Trade report, Commodity Line Sales (WC82-I-3).

Descriptions of the 1982 Census of Wholesale Trade kind-of-business classifications follow:

Durable Goods (SIC Major Group 50)

This major group includes establishments primarily engaged in the wholesale distribution of durable goods.

Motor vehicles and automotive parts and supplies (SIC 501)

Automobiles and other motor vehicles (SIC 5012)—Establishments primarily engaged in the wholesale distribution of new and used passenger automobiles, trucks, and other motor vehicles. Automobile distributors primarily engaged in selling at retail to individual consumers for personal use, and also selling a limited amount of new and used passenger automobiles and trucks at wholesale to dealers, are classified in SIC 5511.

SIC 5012 is subdivided in some tables into—

1. New and used automobiles and motorcycles.
2. Trucks and tractors.

Automotive parts and supplies (SIC 5013)—Establishments primarily engaged in the wholesale distribution of automotive parts, supplies, accessories, tools, and equipment.

SIC 5013 is subdivided in some tables into—

1. New automotive parts, accessories, and equipment—warehouse distributors (without machine shop).
2. New automotive parts, accessories, and equipment—jobbers (without machine shop).
3. New automotive parts, accessories, and equipment—warehouse distributors (with machine shop).
4. New automotive parts, accessories and equipment—jobbers (with machine shop).
5. Used automotive parts, equipment, and supplies.
6. Petroleum products marketing equipment.

Tires and tubes (SIC 5014)—Establishments primarily engaged in the wholesale distribution of rubber tires and tubes for passenger and commercial vehicles.

Furniture and home furnishings (SIC 502)

Furniture (SIC 5021)—Establishments primarily engaged in the wholesale distribution of furniture, including bedsprings, mattresses, and other household furniture; office furniture; and furniture for public parks, buildings, etc.

SIC 5021 is subdivided in some tables into—

1. Household and lawn furniture.
2. Office and business furniture.

Home furnishings (SIC 5023)—Establishments primarily engaged in the wholesale distribution of home furnishings and homewares, including antiques, china, glassware, and earthenware; lamps, curtains, and draperies; linens and towels; and carpets, linoleum, and all other types of hard and soft surface floor coverings.

Establishments primarily engaged in the wholesale distribution of electrical household goods are classified in SIC 5064.

SIC 5023 is subdivided in some tables into—

1. China, glassware, and crockery.
2. Linens, domestics, curtains, etc.
3. Floor coverings.
4. Other home furnishings.

Lumber and other construction materials (SIC 503)

Lumber, plywood and millwork (SIC 5031)—Establishments, with or without yards, primarily engaged in the wholesale distribution of rough, dressed, and finished lumber (but not timber); plywood; door and window frames (wood or metal); and other wood and metal millwork. Establishments selling lumber, plywood, and millwork to the general public and known as "retail" in the trade are classified in SIC 5211.

SIC 5031 is subdivided in some tables into—

1. Lumber-without yard.
2. Lumber-with yard.
3. Plywood and millwork (metal or wood).

Construction materials, n.e.c. (SIC 5039)—Establishments primarily engaged in the wholesale distribution of such building materials as brick, building stone, cement, granite, gravel, lime, marble, plaster, building glass, roofing materials, sand, and tile. Establishments selling construction materials to the general public and known as retail in the trade are classified in SIC 5211. Establishments primarily selling ready-mix concrete are classified in manufacturing SIC 3273.

SIC 5039 is subdivided in some tables into—

1. Brick, stone, tile, sand, etc.
2. Flat glass and other construction glass.
3. Roofing, siding, and insulation materials.
4. Other construction materials.

Sporting, recreational, photographic, and hobby goods, toys and supplies (SIC 504)

Sporting and recreational goods and supplies (SIC 5041)—Establishments primarily engaged in the wholesale distribution of all types of sporting goods and accessories, billiard and pool supplies; firearms and ammunition; and marine pleasure craft, equipment, and supplies.

Toys and hobby goods and supplies (SIC 5042)—Establishments primarily engaged in the wholesale distribution of games, toys, and hobby goods and supplies.

Photographic equipment and supplies (SIC 5043)—Establishments primarily engaged in the wholesale distribution of photographic equipment and supplies. Establishments primarily engaged in the wholesale distribution of photocopy equipment are classified in SIC 5081.

Metals and minerals, except petroleum (SIC 505)

Metals service centers and offices (SIC 5051)—Establishments primarily engaged in marketing ferrous and nonferrous metal semi-finished products. Establishments in this industry may operate with inventories (metals service centers) or without inventories (metals sales offices).

SIC 5051 is subdivided in some tables into—

1. Ferrous metals service centers and sales offices.
 - a. Ferrous metals service centers.
 - b. Ferrous metals sales offices.
2. Nonferrous metals service centers and sales offices.

Coal and other minerals and ores (SIC 5052)—Establishments primarily engaged in the wholesale distribution of coal and coke; copper, iron, lead, and other metallic ores except precious; and crude nonmetallic minerals (including concentrates) except crude petroleum. Establishments primarily engaged in the wholesale distribution of nonmetallic minerals used in construction, such as sand and gravel, are classified in SIC 5039.

SIC 5052 is subdivided in some tables into—

1. Coal.
2. Other minerals and ores.

Electrical goods (SIC 506)

This group includes establishments primarily engaged in the wholesale distribution of electrical generating, distributing, and wiring equipment. It also includes household appliances whether electrically, manually, or mechanically powered, such as washing machines powered by gasoline motors and sewing machines powered manually. This group does not include electrical commercial and industrial machines, i.e., those in which electricity does the work directly, such as by heating, turning a shaft, or ionizing a substance, or electrically powered commercial and industrial machines, which are classified in SIC 508.

Electrical apparatus and equipment (SIC 5063)—Establishments primarily engaged in the wholesale distribution of electrical power equipment for the generation, transmission, or utilization of electric energy; and electrical construction materials for outside power transmission lines and for electrical systems. Construction contractors primarily engaged in installing electrical systems and equipment from their own stock are classified in SIC 1731.

Electrical appliances, television and radio sets (SIC 5064)—Establishments primarily engaged in the wholesale distribution of radio and television sets and household electrical appliances.

Electronic parts and equipment (SIC 5065)—Establishments primarily engaged in the wholesale distribution of electronic parts and equipment, such as industrial and radio and television receiving and transmitting electronic tubes; electronic intercommunication

equipment; radio parts and accessories; and electronic sound equipment. Establishments primarily engaged in the wholesale distribution of radio and television receiving sets and phonographs are classified in SIC 5064.

Hardware, and plumbing and heating equipment and supplies (SIC 507)

Hardware (SIC 5072)—Establishments primarily engaged in the wholesale distribution of hardware, such as builders; shelf or light hardware; hand tools (except automotive and machinists' precision); hand saws and cutlery; brads, staples, and tacks; and bolts, nuts, rivets, and screws. Establishments primarily engaged in the wholesale distribution of nails, noninsulated wire, and screening are classified in SIC 5051.

Plumbing and heating equipment and supplies (hydronics) (SIC 5074)—Establishments primarily engaged in the wholesale distribution of hydronic plumbing and heating equipment and supplies. Construction contractors primarily engaged in installing plumbing and heating equipment from their own stock are classified in SIC 1711.

Warm air heating and air conditioning equipment and supplies (SIC 5075)—Establishments primarily engaged in the distribution of warm air heating and air conditioning equipment and supplies. Construction contractors primarily engaged in installing warm air heating and air conditioning equipment are classified in SIC 1711.

Refrigeration equipment and supplies (SIC 5078)—Establishments primarily engaged in the distribution of refrigeration equipment and supplies. Construction contractors primarily engaged in installing refrigeration equipment from their own stock are classified in SIC 1711.

Machinery, equipment, and supplies (SIC 508)

Commercial machines and equipment (SIC 5081)—Establishments primarily engaged in wholesaling commercial machines and equipment, such as office, store, and business machines and equipment; commercial food service equipment; and fountain and store fixtures.

SIC 5081 is subdivided in some tables into—

1. Office machines and equipment.
2. Restaurant and hotel equipment and supplies.
3. Store machines and equipment.

Construction and mining machinery and equipment (SIC 5082)—Establishments primarily engaged in marketing cranes, excavating machinery and equipment, power shovels, road construction and maintenance machinery, tractor-mounted equipment, and other specialized machinery and equipment used in the construction, mining, and logging industries. Establishments engaged in marketing oil machinery and equipment are classified in SIC 5084.

Farm and garden machinery and equipment (SIC 5083)—Establishments primarily engaged in marketing agricultural machinery and equipment for use in preparation and maintenance of the soil, planting and harvesting

of crops, and other operations and processes pertaining to work on the farm or the lawn or garden; and dairy and other livestock equipment.

SIC 5083 is subdivided in some tables into—

1. Farm machinery and equipment-farm dealers.
2. Farm machinery and equipment-wholesale distributors.
3. Garden machinery and equipment.

Industrial machinery and equipment (SIC 5084)—Establishments primarily engaged in marketing industrial machinery and equipment, such as metalworking tools, food industries machinery, oil well and oil refining machinery, industrial trucks and tractors (except over-the-road types), printing machinery, and machinery and equipment for other manufacturing industries.

SIC 5084 is subdivided in some tables into—

1. Food-processing machinery, equipment, and parts.
2. General-purpose industrial machinery, equipment, and parts.
3. Metalworking machinery, equipment, and parts.
4. Materials handling equipment and parts.
5. Oil well, oil refinery, and pipeline machinery, equipment, and supplies.
6. Other industrial machinery, equipment, and parts. Establishments primarily engaged in selling special purpose industrial machinery not elsewhere classified, including printing machinery, woodworking machinery, shoemaking machinery, paper and paper products machinery, smelting and metal refining machinery and equipment, cigar- and cigarette-making machinery, and similar special industry machinery.

Industrial supplies (SIC 5085)—Establishments primarily engaged in marketing industrial supplies, such as abrasives and abrasive materials, rope and cordage, and mechanical rubber goods; welding supplies; mechanical power transmission supplies, including bearings; industrial valves and fittings; metal containers; industrial leather; and reconditioned barrels and drums.

SIC 5085 is subdivided in some tables into—

1. General-line industrial supplies.
2. Mechanical power transmission supplies.
3. Industrial valves and fittings.
4. Welding supplies.
5. Industrial containers and supplies.
6. Other industrial supplies—Establishments primarily engaged in selling a special line of industrial materials and supplies not elsewhere classified, such as abrasives, mechanical rubber goods, ropes and cordage, and industrial diamonds.

Professional equipment and supplies (SIC 5086)—Establishments primarily engaged in the wholesale distribution of mechanical devices and other equipment used by architects, dentists, engineers,

physicians, surgeons, veterinarians, optometrists, osteopaths, and other professional groups.

SIC 5086 is subdivided in some tables into—

1. Dental supplies.
2. Religious and school supplies.
3. Surgical, medical, and hospital supplies.
4. Optical and ophthalmic goods.
5. Other professional equipment and supplies—Establishments primarily engaged in selling specialty lines of professional equipment and supplies not mentioned above, such as veterinarian equipment and supplies, drafting supplies, and scientific equipment.

Service establishment equipment and supplies (SIC 5087)—Establishments primarily engaged in the wholesale distribution of equipment and supplies for barber shops, beauty parlors, power laundries, dry-cleaning plants, upholsterers, undertakers, and related personal service establishments.

SIC 5087 is subdivided in some tables into—

1. Beauty and barber equipment and supplies.
2. Custodial (janitors') equipment and supplies.
3. Laundry and dry-cleaning equipment and supplies.
4. Other service establishment equipment and supplies—Establishments primarily engaged in selling a specialty line of service establishment supplies, such as upholsterers' equipment and supplies, seamstresses' supplies, tailors' supplies, undertakers' supplies, municipality equipment and supplies, and shoe repair supplies.

Transportation equipment and supplies, except motor vehicles (SIC 5088)—Establishments primarily engaged in the wholesale distribution of transportation equipment and supplies. Establishments primarily engaged in the wholesale distribution of motor vehicles and motor parts are classified in SIC 501.

SIC 5088 is subdivided in some tables into—

1. Aircraft and aeronautical equipment and supplies.
2. Marine machinery, equipment, and supplies.
3. Other transportation equipment and supplies—Establishments primarily engaged in selling equipment and supplies used in the operation, maintenance, and repair of railroads, streetcars, buses, tramways, aerial hoists, and horsedrawn vehicles.

Miscellaneous durable goods (SIC 509)

Scrap and waste materials (SIC 5093)—Establishments primarily engaged in assembling, breaking up, sorting, and wholesale distribution of scrap and waste materials. This industry includes auto wreckers engaged in dismantling automobiles for scrap. However, those engaged in dismantling cars for the purpose of selling secondhand parts at retail are classified in SIC 5931.

SIC 5093 is subdivided in some tables into—

1. Iron and steel scrap processors and dealers.

a. Iron and steel scrap processors (using power processing equipment).

b. Iron and steel scrap dealers (not using power processing equipment).

2. Waste and secondary materials.

Jewelry, watches, diamonds and other precious stones (SIC 5094)—Establishments primarily engaged in the wholesale distribution of jewelry, precious stones and metals, costume jewelry, watches, clocks, silverware, and jewelers' findings.

Durable goods, n.e.c. (SIC 5099)—Establishments primarily engaged in the wholesale distribution of durable goods, not elsewhere classified, such as musical instruments and forest products, except lumber.

SIC 5099 is subdivided in some tables into—

1. Musical instruments and supplies.
2. Forest products, except lumber.
3. Other durable goods.

Nondurable goods (SIC Major Group 51)

This major group includes establishments primarily engaged in the wholesale distribution of nondurable goods.

Paper and Paper Products (SIC 511)

Printing and writing paper (SIC 5111)—Establishments primarily engaged in the wholesale distribution of writing paper, including envelope paper; fine paper; and ground wood, printing, and rotogravure paper.

Stationery supplies (SIC 5112)—Establishments primarily engaged in the wholesale distribution of stationery and office supplies, including envelopes, typewriter and mimeograph paper, file cards and folders, pens, social stationery, and greeting cards.

Industrial and personal service paper (SIC 5113)—Establishments primarily engaged in the wholesale distribution of wrapping and other coarse paper, paperboard, cellophane, and converted paper products, such as bags, boxes, dishes, napkins, and shipping supplies.

Drugs, drug proprietaries and druggists' sundries (SIC 512)

Drugs, drug proprietaries, and druggists' sundries (SIC 5122)—Establishments primarily engaged in the wholesale distribution of drugs, drug proprietaries, druggists' sundries, and toiletries. Establishments primarily engaged in the wholesale distribution of surgical, dental, and hospital equipment are classified in SIC 5086.

SIC 5122 is subdivided in some tables into—

1. General-line drugs—These are distinguished from speciality-line drug and toiletries wholesalers on the basis of their commodity-line mix. Drug wholesalers were classified as general line if they reported a substantial portion of their sales in "drugs and pharmaceuticals" and a combination of

"proprietary (patent) medicines," "cosmetics," "perfumes," and "other toiletries and druggists' sundries."

2. Specialty-line pharmaceuticals, cosmetics, and toiletries.

Apparel, piece goods, and notions (SIC 513)

Piece goods (woven fabrics) (SIC 5133)—Establishments primarily engaged in the wholesale distribution of piece goods or yard goods of natural or synthetic fibers. "Converters" who buy goods in the grey, have them finished on contract, and sell at wholesale are included here. This industry does not include establishments primarily engaged in the wholesale distribution of home furnishings, which are classified in SIC 5023.

SIC 5133 is subdivided in some tables into—

1. Piece goods jobbers.
2. Piece goods converters.

Notions and other dry goods (SIC 5134)—Establishments primarily engaged in the wholesale distribution of notions (sewing and hair accessories, etc.), knit goods, and other dry goods, except piece goods.

Men's and boys' clothing and furnishings (SIC 5136)—Establishments primarily engaged in the wholesale distribution of men's and boys' apparel and furnishings, sportswear, hosiery, underwear, nightwear, and work clothing.

Women's, children's and infants' clothing and accessories (SIC 5137)—Establishments primarily engaged in the wholesale distribution of women's, children's, and infants' clothing and accessories, including hosiery, lingerie, millinery and millinery supplies, and furs.

Footwear (SIC 5139)—Establishments primarily engaged in the wholesale distribution of footwear made of leather, rubber, and other materials.

Groceries and related products (SIC 514)

Groceries, general line (SIC 5141)—Establishments primarily engaged in the wholesale distribution of a general line of groceries. Establishments primarily engaged in roasting coffee, blending tea, or grinding and packaging spices are classified in SIC major group 20.

SIC 5141 is subdivided in some tables into—

1. Voluntary group wholesalers.
2. Retail cooperative wholesalers.
3. Other general-line wholesalers.

Frozen foods (SIC 5142)—Establishments primarily engaged in the wholesale distribution of packaged quick-frozen vegetables, juices, meats, fish, poultry, pastries, and other "deep freeze" products. Establishments primarily engaged in the wholesale distribution of frozen dairy products are classified in SIC 5143. Frozen poultry, fish, and meat which are not packaged are classified in SIC 5144, 5146, and 5147, respectively.

Dairy products (SIC 5143)—Establishments primarily engaged in the wholesale distribution of dairy products, such as butter, cheese, ice cream and ices, and fluid milk and cream. This industry does not include establishments primarily engaged in pasteurizing and bottling milk, which are classified in SIC 202.

Poultry and poultry products (SIC 5144)—Establishments primarily engaged in the wholesale distribution of poultry and poultry products, except canned and packaged frozen products. This industry does not include establishments, primarily engaged in the killing and dressing of poultry, which are classified in SIC 2016. Establishments primarily engaged in the wholesale distribution of packaged frozen poultry are classified in SIC 5142, and of canned poultry in SIC 5149.

Confectionery (SIC 5145)—Establishments primarily engaged in the wholesale distribution of confectionery, such as candy, chewing gum, fountain fruits, salted or roasted nuts, popcorn, and fountain syrups; and potato, corn, and similar chips.

Fish and seafoods (SIC 5146)—Establishments primarily engaged in the wholesale distribution (not packaging) of fresh, cured, and frozen fish and seafoods, except canned (SIC 5149) or packaged frozen (SIC 5142). The preparation, packaging, and freezing of fresh fish and other seafood, and the shucking and packing of fresh oysters in nonsealed containers, are classified in SIC 2092.

Meats and meat products (SIC 5147)—Establishments primarily engaged in the wholesale distribution of fresh, cured, and processed (but not canned) meats and lard. The wholesale distribution of frozen packaged meats is classified in SIC 5142 and canned meats in SIC 5149.

Fresh fruits and vegetables (SIC 5148)—Establishments primarily engaged in the wholesale distribution of fresh fruits and vegetables.

Groceries and related products, n.e.c. (SIC 5149)—Establishments primarily engaged in the wholesale distribution of groceries and related products, not elsewhere classified. Establishments primarily engaged in the wholesale distribution of soft drinks, and in bottling and distributing natural spring and mineral waters, are classified in this industry, but establishments primarily engaged in bottling soft drinks are classified in SIC major group 20. This industry does not include farm-product raw materials (SIC 515), or beer, wine, and distilled alcoholic beverages (SIC 518).

SIC 5149 is subdivided in some tables into—

1. Coffee, tea, and spices.
2. Bread and baked goods.
3. Canned goods.
4. Food and beverage basic materials.
5. Other grocery specialties.

Farm-product raw materials (SIC 515)

Cotton (SIC 5152)—Establishments primarily engaged in buying and/or marketing cotton and cotton linters.

Grain (SIC 5153)—Establishments primarily engaged in buying and/or marketing grain (such as corn, wheat, oats, barley, and unpolished rice); and dry beans, soybeans, and other inedible beans. Country grain elevators primarily engaged in buying or receiving grain from farmers are included, as are terminal elevators and other merchants marketing grain.

Livestock (SIC 5154)—Establishments primarily engaged in buying and/or marketing cattle, hogs, sheep, and goats. This industry also includes the operation of livestock auction markets.

Farm-product raw materials, n.e.c. (SIC 5159)—Establishments primarily engaged in buying and/or marketing farm products not elsewhere classified, such as horses and mules, leaf tobacco, hides, skins, furs, wool, mohair, raw silk, hops, and nuts, except roasted or salted (SIC 5145). Establishments primarily engaged in the wholesale distribution of milk are classified in SIC 5143 and live poultry in SIC 5144.

SIC 5159 is subdivided in some tables into—

1. Hides, skins, and pelts.
2. Leaf tobacco.
3. Wool, wool tops, and mohair.
4. Other farm-product raw materials.

Chemicals and allied products (SIC 516)

Chemicals and allied products (SIC 5161)—Establishments primarily engaged in the wholesale distribution of chemicals and allied products, not elsewhere classified, such as acids, industrial and heavy chemicals, dyestuffs, industrial salts, naval stores, plastics materials, rosin, and turpentine. Establishments primarily engaged in the wholesale distribution of ammunition are classified in SIC 5041; agricultural chemicals and pesticides in industry 5191; drugs in SIC 5122; and paints and varnishes in SIC 5198.

SIC 5161 is subdivided in some tables into—

1. Chemicals and allied products, except plastics and gases.
2. Plastics materials and basic forms.
3. Industrial gases, except LP.

Petroleum and petroleum products (SIC 517)

Petroleum bulk stations and terminals (SIC 5171)—Establishments primarily engaged in wholesaling petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

SIC 5171 is subdivided in some tables into—

1. Petroleum bulk stations, except LP.
2. Petroleum bulk terminals, except LP.
3. Liquefied petroleum gas.

Petroleum and petroleum products, except bulk stations and terminals (SIC 5172)—Establishments primarily engaged in wholesaling petroleum and petroleum products, except those with bulk liquid storage facilities.

Included are packaged and bottled petroleum products distributors, truck jobbers, and others marketing petroleum and petroleum products at wholesale but without bulk liquid storage facilities.

Beer, wine and distilled alcoholic beverages (SIC 518)

Beer and ale (SIC 5181)—Establishments primarily engaged in the wholesale distribution of beer, ale, porter, and other fermented malt beverages.

Wines and distilled alcoholic beverages (SIC 5182)—Establishments primarily engaged in the wholesale distribution of distilled spirits, including neutral spirits and ethyl alcohol used in blending wines and distilled liquors.

SIC 5182 is subdivided in some tables into—

1. Wine and distilled spirits—licensed operation.
2. Wine and distilled spirits—State operated.

Miscellaneous nondurable goods (SIC 519)

Farm supplies (SIC 5191)—Establishments primarily engaged in the wholesale distribution of animal feeds, fertilizers, agricultural chemicals, pesticides, seeds, and other farm supplies, except grains.

SIC 5191 is subdivided in some tables into—

1. Farm supplies—farm dealers.
2. Farm supplies—wholesale distributors.

Tobacco and tobacco products (SIC 5194)—Establishments primarily engaged in the wholesale distribution of tobacco and tobacco products. Leaf tobacco wholesalers are classified in SIC 5159 and establishments primarily engaged in stemming and redrying tobacco in SIC 2141.

Paints, varnishes, and supplies (SIC 5198)—Establishments primarily engaged in the wholesale distribution of paints, varnishes, wallpaper, and supplies. Glass is frequently handled. Establishments selling to the general public and known as "retail" in the trade are classified in SIC 5231.

Nondurable goods, n.e.c. (SIC 5199)—Establishments primarily engaged in the wholesale distribution of nondurable goods, not elsewhere classified, such as books, periodicals, and newspapers; art goods; flowers and florists' supplies; industrial yarn; and textile bags and bagging.

SIC 5199 is subdivided in some tables into—

1. Books, periodicals, newspapers.
2. Art goods.
3. Flowers and florists' supplies.
4. General merchandise.
5. Textile bags and bagging.
6. Specialty advertising (sale of merchandise).
7. Other nondurable goods.

TYPE-OF-OPERATION CLASSIFICATIONS

In addition to being classified by kind of business, each wholesale establishment was classified for the census by type of operation according to the ownership of the business, ownership of the goods sold, or character of the principal transactions. Establishments in wholesale trade are grouped into the following three major types of operation and related subgroups:

Merchant wholesalers—Establishments primarily engaged in buying and selling merchandise on their own account. Included here are such types of establishments as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, importers, exporters, cash-and-carry wholesalers, retailer cooperative warehouses, terminal and country grain elevators, farm products assemblers, wholesale cooperative associations, and petroleum bulk plants and terminals operated by nonrefining companies.

Wholesale distributors and jobbers—Establishments primarily engaged in buying and selling merchandise in the domestic market and performing the principal wholesale functions of buying, stocking, selling, etc.

Importers—Establishments buying and selling goods at wholesale on their own account, whose principal source of purchases was foreign.

Exporters—Establishments primarily engaged in purchasing goods in the United States and selling them to foreign customers.

Terminal grain elevators—Grain elevators primarily engaged in buying and selling grain received from country grain elevators and grain marketing establishments. They have sizable space for grain storage, and products are received primarily by rail or barge rather than by truck.

Country grain elevators—Grain elevators, cooperative or other, buying and receiving grain directly from farmers by truck and selling at wholesale.

Assemblers of farm products, except country grain elevators—Establishments primarily engaged in purchasing directly from farmers and assembling and marketing farm products at wholesale.

Manufacturers' sales branches and offices—Establishments maintained by manufacturing, refining, and mining companies apart from their plants or mines for marketing their products at wholesale. Branch stores selling to household consumers and individual users are classified in retail trade. Sales branches and sales offices located at plants and at administrative offices are included when separate records are available. In some tables, data are shown separately for manufacturers' sales branches and for sales offices. These two types of establishments differ in that sales offices do not carry stocks of merchandise for delivery to customers.

Agents, brokers, and commission merchants—Establishments whose operators are in business for themselves and are primarily engaged in selling or buying goods for others. Included here are such types of operations as auction companies, import agents, export agents, selling agents, merchandise brokers, and commission merchants. "Sales" as shown in census publications for agents, brokers, and commission merchants represent the gross sales (or purchase) value of the goods in the transactions negotiated.

Auction companies—Wholesale establishments primarily engaged in selling merchandise on an agency basis by auction.

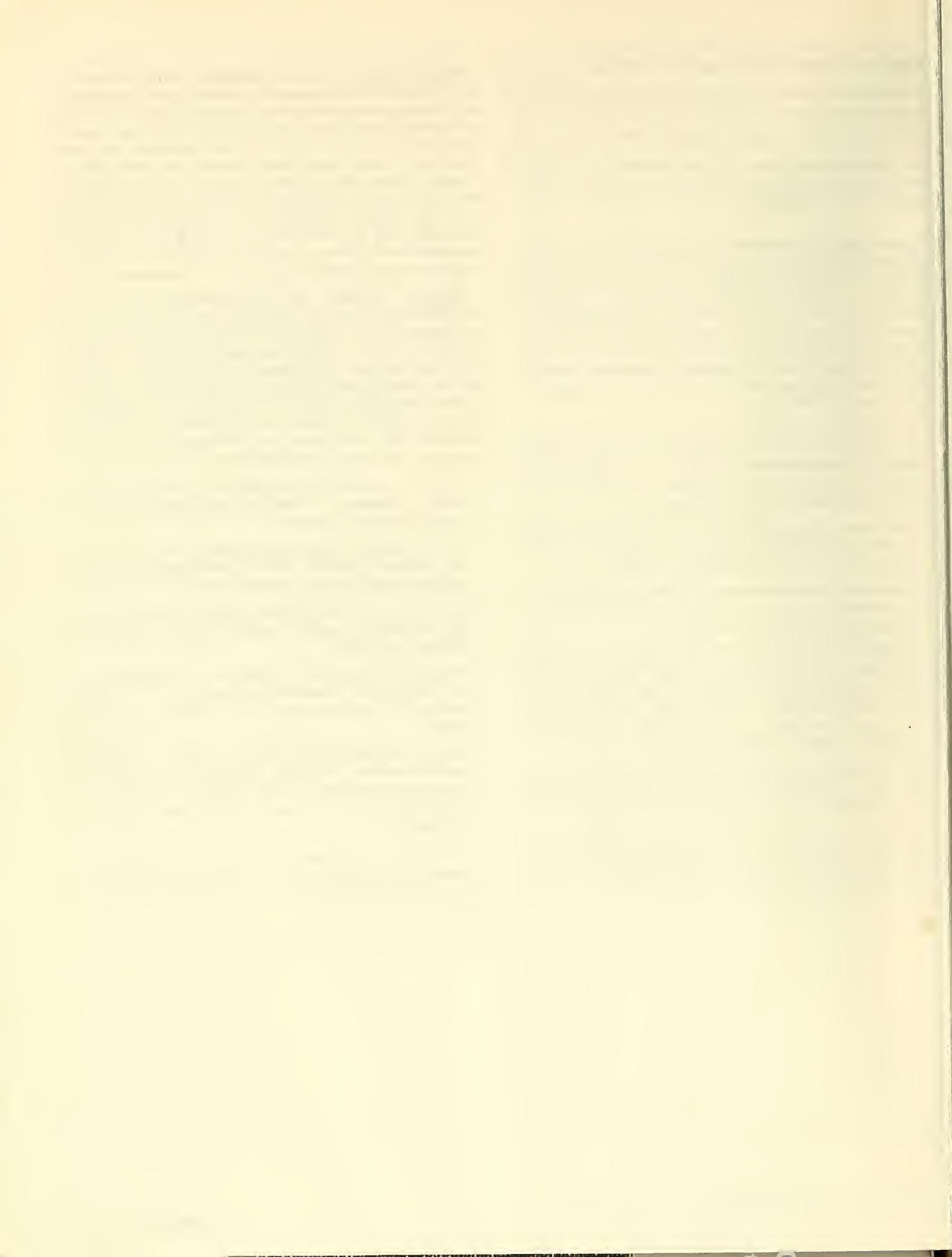
Import agents—Merchandise agents and brokers in the domestic market buying merchandise from or selling merchandise for foreign firms.

Export agents—Merchandise agents and brokers in the domestic market selling to or buying for foreign customers.

Manufacturers agents—Wholesale establishments in the domestic market selling for a limited number of manufacturers on a continuing agency basis.

Brokers (representing buyers or sellers)—Wholesale establishments primarily engaged in selling or buying merchandise in the domestic market on a brokerage basis but not receiving the goods on consignment.

Commission merchants—Wholesale establishments operating in the domestic market receiving goods for sale on consignment.



APPENDIX B.

General Questions



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
FORM

1982 CENSUS OF DISTRIBUTIVE TRADES

		1982 CENSUS OF DISTRIBUTIVE TRADES										
Please complete this form and RETURN TO BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47134		<small>O.M.B. APPROVAL NO. 0607-0387, EXPIRES 12/84</small> <small>In correspondence pertaining to this report, please refer to this Census File Number (CFN)</small> <small>Employer Identification (EI) Number</small> CFN C B-5001										
DUE DATE: FEBRUARY 15, 1983 <small>If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).</small>		<small>Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.</small>										
Note — Please read the accompanying instructions before answering the questions.												
Item 1 — EMPLOYER IDENTIFICATION NUMBER <small>Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?</small>		HOW TO REPORT DOLLAR FIGURES <small>Value figures may be reported in dollars or rounded to thousands.</small> <small>Example If a figure is \$1,125,628, report either</small>										
094 <input type="checkbox"/> YES (9 digits) 2 <input type="checkbox"/> NO — Enter current EI Number → <input style="width: 100px; border: 1px solid black;" type="text"/>		<small>• PREFERRED</small> 1 126 <small>Acceptable</small> 1 125 628										
Item 2 — PHYSICAL LOCATION OF ESTABLISHMENT <small>Answer items a, b, c, and d</small> <small>NOTE: P.O. boxes or rural routes are not physical locations</small>		Item 6 — DOLLAR VOLUME OF BUSINESS IN 1982 <small>Mil. Thou. Dol.</small>										
a. <input type="checkbox"/> Same as shown in mailing label. If different, indicate change. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; padding: 2px;">NUMBER AND STREET</td> </tr> <tr> <td style="width: 50px;">CITY</td> <td style="width: 50px;">TOWN</td> <td style="width: 50px;">VILLAGE</td> <td style="width: 50px;">ETC</td> <td style="width: 50px;">STATE</td> <td style="width: 50px;">ZIP CODE</td> </tr> </table>		NUMBER AND STREET		CITY	TOWN	VILLAGE	ETC	STATE	ZIP CODE	010 a. Sales of merchandise and other operating receipts 100 b. Did this establishment sell merchandise on a commission or brokerage basis? 2 <input type="checkbox"/> YES — Go to c 2 <input type="checkbox"/> NO — SKIP to h		
NUMBER AND STREET												
CITY	TOWN	VILLAGE	ETC	STATE	ZIP CODE							
b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.? 095 <input type="checkbox"/> YES 1 <input type="checkbox"/> No legal boundaries 2 <input type="checkbox"/> NO 4 <input type="checkbox"/> Don't know		101 c. Gross selling value of business conducted for the account of others (include in item 6a.) 102 d. Dollar volume of commissions or brokerage received on transactions reported in item 6c 103 e. What percentage of the products sold by this establishment and your company (including firms under common ownership or control) manufacture or mine in the United States or its possessions? Percent										
c. Type of municipality where physically located 096 <input type="checkbox"/> City, village, or borough 3 <input type="checkbox"/> Other or don't know 2 <input type="checkbox"/> Town or township		104 <input type="checkbox"/> YES — Go to p 2 <input type="checkbox"/> NO — SKIP to h										
d. Name of county where physically located		f. Did this establishment have transfers (billings) to other establishments within your company? 105 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO — SKIP to h										
Item 3 — OPERATIONAL STATUS <small>Number of months</small>		g. Dollar volume of transfers (billings) to other establishments within your company (DO NOT include in item 6a.) 106 107 h. Were 50% or more of the products sold by this establishment imported from a foreign country? 108 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO										
a. How many months during 1982 did this firm or organization actively operate this establishment? 002 b. Mark (X) the ONE box which best describes this establishment at the end of 1982.		i. Item 7 — PAYROLL AND EMPLOYMENT a. Payroll in 1982, before deductions (1) Total ANNUAL payroll 030 (2) FIRST QUARTER payroll 031 j. Employment in 1982 Number Number of paid employees for the pay period including March 12, 1982. (Include both full- and part-time employees.) 032										
001 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Temporarily or seasonally inactive 3 <input type="checkbox"/> Ceased operation — Give date → 4 <input type="checkbox"/> Sold or leased to another operator — Give date at right → AND enter name, etc., below →		k. Item 8 — EMPLOYMENT BY PRINCIPAL ACTIVITY Report the approximate number of employees at this establishment according to their principal activity during the pay period including March 12, 1982. a. Selling 130 b. Sales support (including office and clerical, warehousing, drivers, maintenance employees) 131 c. Control administrative and auxiliary 132 d. Manufacturing 133 e. Other — Specify 134 f. TDOTAL — Sum of lines a through e should equal item 7b → 135										
003 <input type="checkbox"/> Individual proprietorship 2 <input type="checkbox"/> Partnership 3 <input type="checkbox"/> Cooperative association (taxable) 4 <input type="checkbox"/> Cooperative association (tax-exempt)		l. Item 9 — OPERATING EXPENSES TDOTAL 1982 operating expenses, including payroll but excluding cost of goods sold 040										
5 <input type="checkbox"/> Government — Specify 0 <input type="checkbox"/> Corporation (Do not mark if any form of cooperative association.) 9 <input type="checkbox"/> Other — Specify		m. Item 10 — SALES BY CUSTOMER CLASSES Report the approximate percentage of your 1982 sales (item 6a) to each of the customer classes listed.										
Item 5 — INVENTORIES <small>End of 1982 End of 1981</small>		140 a. Did you have inventories at the end of the years specified? 1 <input type="checkbox"/> YES 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO 2 <input type="checkbox"/> NO If "NO" for both years, SKIP to item 6.										
b. Report inventories at cost or market using generally accepted accounting methods. For inventories at LIFO cost use the sum of the LIFO amount plus the LIFO reserve when completing lines b and d.		141 046 Mil. Thou. Dol. 047 Mil. Thou. Dol.										
c. Amount of total on line b which was not subject to LIFO costing.		142 111 Mil. Thou. Dol. 121 Mil. Thou. Dol.										
d. Amount of total on line b which was subject to LIFO costing.		143 112 Mil. Thou. Dol. 122 Mil. Thou. Dol.										
(1) Amount of the LIFO reserve		144 113 Mil. Thou. Dol. 123 Mil. Thou. Dol.										
(2) LIFO value of line d		145 114 Mil. Thou. Dol. 124 Mil. Thou. Dol.										
<small>NOTE: The sum of lines d1 and d2 should equal line d. The sum of lines c and d should equal line b.</small>		146 147 148 j. TDOTAL — Sum of lines a through l should add to 100% → 100%										

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

Item 11 - TYPE OF OPERATION <small>Mark (X) the ONE box which best describes the basis on which the major portion of your business was conducted in 1982.</small>		ENTER OWNED OR CONTROLLED COMPANY NAME, ADDRESS, AND ZIP CODE																																																													
a. Merchant (buying and selling on own account) <input type="checkbox"/> 10 b. Manufacturers' sales branch or sales office <input type="checkbox"/> 20 c. Broker, agent, commission merchant (1) Auction company <input type="checkbox"/> 41 (2) Broker (representing buyers or sellers) <input type="checkbox"/> 42 (3) Commission merchant <input type="checkbox"/> 43 (4) Manufacturers' agent <input type="checkbox"/> 46 d. Other type of operation - Specify <input type="checkbox"/> 77		b. Does this company own or control any other company or companies? 098 1 <input type="checkbox"/> YES → 2 <input type="checkbox"/> NO																																																													
		EI Number (9 digits) <input type="text"/>																																																													
Item 12 - KIND OF BUSINESS <small>Mark (X) the ONE box which best describes the PRINCIPAL kind of business of this establishment in 1982.</small>		c. How many establishments were operated under the EI Number shown in the address label (or as corrected in item 1) at the end of 1982? 079																																																													
(Categories appropriate to individual form)		<small>If more than one, provide the physical location address and other information indicated below for each establishment. Continue with same format in item 15 (or attach a separate sheet) if necessary.</small>																																																													
Item 13 - COMMODITY LINES <small>Report sales either in dollar figures (see example on page 1) or as percent (in whole percents) of the total (see example below).</small>		<table border="1"> <tr> <td rowspan="3"> HOW TO REPORT PERCENTS If figure is 38.76% of total sales a. Report whole percents Not acceptable </td> <td>Mil.</td> <td>Thou.</td> <td>Dol.</td> <td>Percent</td> </tr> <tr> <td>39</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>38.76</td> </tr> <tr> <td colspan="5"> Commodity lines Estimated sales during 1982 Cen- sus use Mil. Thou. Dol. Percent </td> </tr> </table>		HOW TO REPORT PERCENTS If figure is 38.76% of total sales a. Report whole percents Not acceptable	Mil.	Thou.	Dol.	Percent	39							38.76	Commodity lines Estimated sales during 1982 Cen- sus use Mil. Thou. Dol. Percent																																														
HOW TO REPORT PERCENTS If figure is 38.76% of total sales a. Report whole percents Not acceptable	Mil.	Thou.	Dol.		Percent																																																										
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Commodity lines Estimated sales during 1982 Cen- sus use Mil. Thou. Dol. Percent																																																															
(Categories appropriate to individual form)																																																															
NOTE <small>Answer item 14 only if your Census File Number (CFN), shown in the address label of this report form, begins with a zero.</small>																																																															
Item 14 - OWNERSHIP, CONTROL, AND LOCATIONS OF OPERATION <small>Is this company owned or controlled by another company?</small>		ENTER OWNING OR CONTROLLING COMPANY NAME, ADDRESS, AND ZIP CODE																																																													
097 1 <input type="checkbox"/> YES → 2 <input type="checkbox"/> NO		EI Number (9 digits) <input type="text"/>																																																													
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		c. How many establishments were operated under the EI Number shown in the address label (or as corrected in item 1) at the end of 1982? 079																																																													
		<small>If more than one, provide the physical location address and other information indicated below for each establishment. Continue with same format in item 15 (or attach a separate sheet) if necessary.</small>																																																													
		<table border="1"> <tr> <td>NAME, ADDRESS, AND ZIP CODE</td> <td>1982</td> <td>Mil.</td> <td>Thou.</td> <td>Dol.</td> </tr> <tr> <td>Sales</td> <td>081</td> <td></td> <td></td> <td></td> </tr> <tr> <td>KIND-OF-BUSINESS DESCRIPTION</td> <td>082</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Annual payroll</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TYPE OF OPERATION</td> <td>Census use</td> <td>088</td> <td></td> <td></td> </tr> <tr> <td></td> <td>089</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NAME, ADDRESS, AND ZIP CODE</td> <td>1982</td> <td>Mil.</td> <td>Thou.</td> <td>Dol.</td> </tr> <tr> <td>Sales</td> <td>081</td> <td></td> <td></td> <td></td> </tr> <tr> <td>KIND-OF-BUSINESS DESCRIPTION</td> <td>082</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Annual payroll</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TYPE OF OPERATION</td> <td>Census use</td> <td>088</td> <td></td> <td></td> </tr> <tr> <td></td> <td>089</td> <td></td> <td></td> <td></td> </tr> </table>		NAME, ADDRESS, AND ZIP CODE	1982	Mil.	Thou.	Dol.	Sales	081				KIND-OF-BUSINESS DESCRIPTION	082				Annual payroll					TYPE OF OPERATION	Census use	088				089				NAME, ADDRESS, AND ZIP CODE	1982	Mil.	Thou.	Dol.	Sales	081				KIND-OF-BUSINESS DESCRIPTION	082				Annual payroll					TYPE OF OPERATION	Census use	088				089			
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		Item 16 - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.																																																													
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Telephone →		Area code	Number	Extension																																																											
Signature of authorized person Date																																																															

APPENDIX C.

Kind-of-Business Titles and Reporting-Form Numbers

Listed below are wholesale kind-of-business titles and their corresponding reporting-form numbers. Requests for copies of any of these forms, including the inquiries used to classify establishments by kind of business, should be directed to the Business Division, Bureau of the Census, Washington, D.C. 20233.

SIC code	Title	Standard form CB-	Classifi- cation form CB-	SIC code	Title	Standard form CB-	Classifi- cation form CB-
	DURABLE GOODS				NONDURABLE GOODS		
501	Motor vehicles and automotive parts and supplies:			511	Paper and paper products:		
5012	Automobiles and other motor vehicles.....	5001	5099	5111	Printing and writing paper.....	5101	5198
5013	Automotive parts and supplies.....	5001	5099	5112	Stationery supplies.....	5101	5198
5014	Tires and tubes.....	5001	5099	5113	Industrial and personal service paper.....	5101	5198
502	Furniture and home furnishings:			512	Drugs, drug proprietaries and druggists' sundries:		
5021	Furniture.....	5002	5097	5122	Drugs, drug proprietaries, and druggists' sundries.....	5102	5198
5023	Home furnishings.....	5002	5097				
503	Lumber and other construction materials:			513	Apparel, piece goods, and notions:		
5031	Lumber, plywood and millwork.....	5003	5097	5133	Piece goods.....	5103	5198
5039	Construction materials, n.e.c.....	5003	5097	5134	Notions and other dry goods.....	5103	5198
504	Sporting, recreational, photographic, and hobby goods, toys and supplies:			5136	Men's and boys' clothing and furnishings...	5104	5198
5041	Sporting and recreational goods and supplies.	5004	5099	5137	Women's, children's and infants' clothing and accessories.....	5104	5198
5042	Toys and hobby goods and supplies.....	5004	5099	5139	Footwear.....	5104	5198
5043	Photographic equipment and supplies.....	5004	5099				
505	Metals and minerals, except petroleum:			514	Groceries and related products:		
5051	Metals service centers and offices.....	5005	5099	5141	Groceries, general line.....	5105	5197
5052	Coal and other minerals and ores.....	5006	5099	5142	Frozen foods.....	5106	5197
506	Electrical goods:			5143	Dairy products.....	5106	5197
5063	Electrical apparatus and equipment.....	5007	5097	5144	Poultry and poultry products.....	5106	5197
5064	Electrical appliances, TV and radio sets...	5007	5097	5145	Confectionery.....	5106	5197
5065	Electronic parts and equipment.....	5007	5097	5146	Fish and seafoods.....	5106	5197
				5147	Meat and meat products.....	5106	5197
				5148	Fresh fruits and vegetables.....	5106	5197
				5149	Groceries and related products, n.e.c.....	5106	5197
507	Hardware, and plumbing and heating equipment and supplies:			515	Farm-product raw materials:		
5072	Hardware.....	5008	5097	5152	Cotton.....	5107	5199
5074	Plumbing and heating equipment and supplies.	5008	5097	5153	Grain.....	5107	5199
5075	Warm air heating and air conditioning equipment and supplies.....	5008	5097	5154	Livestock.....	5107	5199
5078	Refrigeration equipment and supplies.....	5008	5097	5159	Farm-product raw materials, n.e.c.....	5107	5199
508	Machinery, equipment, and supplies:			516	Chemicals and allied products:		
5081	Commercial machines and equipment.....	5009	5098	5171	Chemicals and allied products.....	5108	5198
5082	Construction and mining machinery and equipment.....	5010	5098	5172	Petroleum and petroleum products:		
5083	Farm and garden machinery and equipment....	5010	5098		Petroleum bulk stations and terminals.....	5109	¹ NA
5084	Industrial machinery and equipment.....	5011	5098		Petroleum and petroleum products whole-salers, except bulk stations and terminals..	5109	5198
5085	Industrial supplies.....	5012	5098	518	Beer, wine and distilled alcoholic beverages:		
5086	Professional equipment and supplies.....	5013	5098	5181	Beer and ale.....	5110	5199
5087	Service establishment equipment and supplies.	5014	5098	5182	Wines and distilled alcoholic beverages....	5110	5199
5088	Transportation equipment and supplies, except motor vehicles.....	5015	5098				
509	Miscellaneous durable goods:			519	Miscellaneous nondurable goods:		
5093	Scrap and waste materials.....	5016	5099	5191	Farm supplies.....	5111	5198
5094	Jewelry, watches, diamonds and other precious stones.....	5017	5099	5194	Tobacco and tobacco products.....	5112	5198
5099	Durable goods, n.e.c.....	5018	5099	5198	Paints, varnishes, and supplies.....	5113	5198
				5199	Nondurable goods, n.e.c.....	5114	5198

¹Petroleum bulk stations and terminals were all sent form CB-5109.

APPENDIX D. Standard Metropolitan Statistical Areas

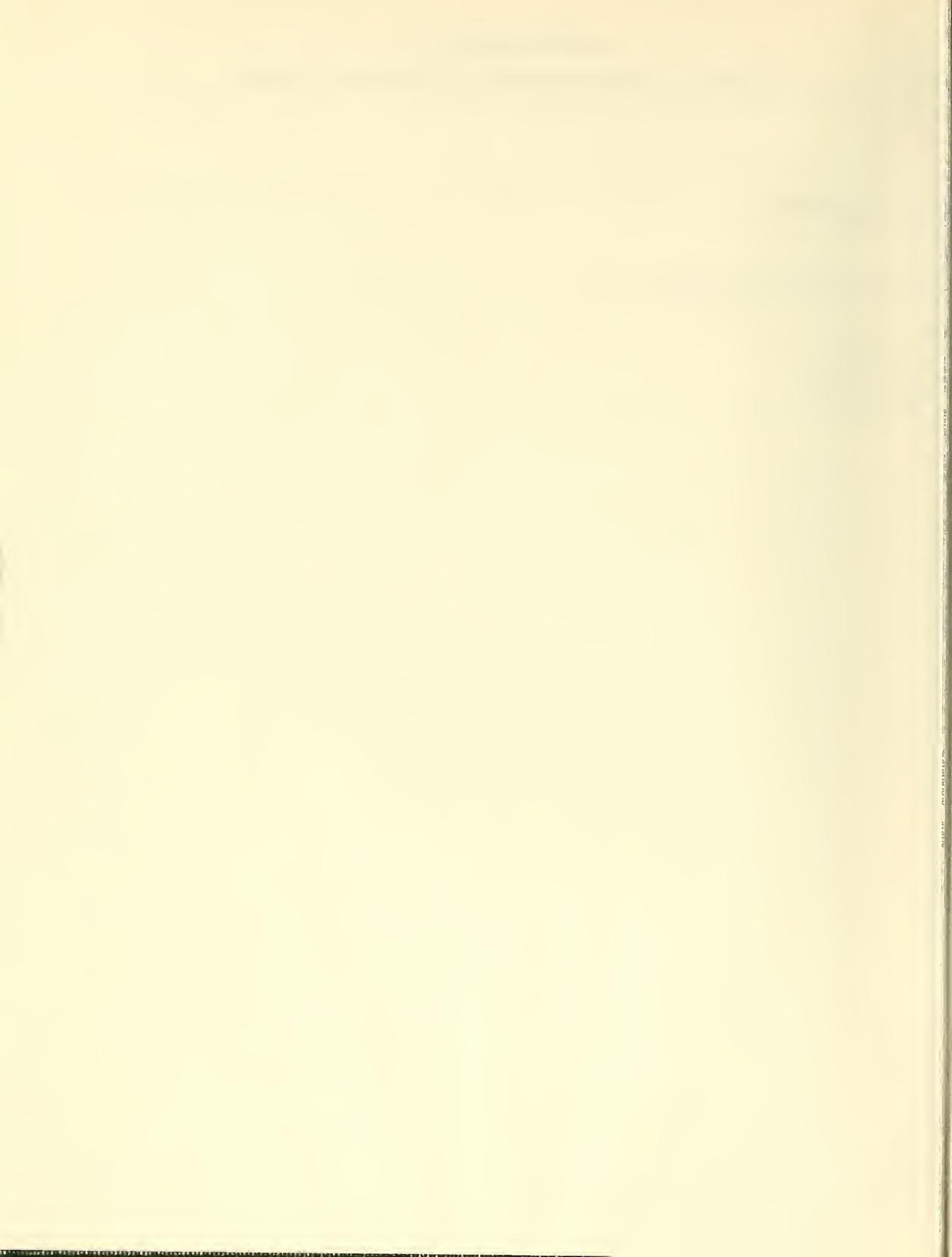
[Titles and definitions shown for SMSA's are those established by the Office of Management and Budget, as of January 1982]

Standard Metropolitan Statistical Areas

SMSA and definition

Provo-Orem, Utah
Utah County, Utah

Salt Lake City-Ogden, Utah
Davis County, Utah
Salt Lake County, Utah
Tooele County, Utah
Weber County, Utah



APPENDIX E.

Percent of Sales Data Based on Administrative Records and Estimation for the State: 1982

[For meaning of abbreviations and symbols, and for more information on reliability of data, see introductory text]

SIC code	Kind of business	Percent of sales—		SIC code	Kind of business	Percent of sales—	
		From administrative records ¹	Estimated ²			From administrative records ¹	Estimated ²
	Wholesale trade	0	0	50	Durable goods—Con.		
				509	Miscellaneous durable goods	0	0
50	Durable goods	0	0	5093	Scrap and waste materials	0	1
501	Motor vehicles and automotive parts and supplies	0	0	5094	Jewelry, watches, diamonds and other precious stones	0	0
5012	Automobiles and other motor vehicles	0	0	5099	Durable goods, n.e.c.	1	0
5013	Automotive parts and supplies	0	0				
5014	Tires and tubes	1	0	511	Nondurable goods	0	0
502	Furniture and home furnishings	0	0	5111	Paper and paper products	0	0
5021	Furniture	0	0	5112	Printing and writing paper	0	0
5023	Home furnishings	0	0	5113	Stationery supplies	0	0
503	Lumber and other construction materials	0	1	512	Industrial and personal service paper	0	0
5031	Lumber, plywood and millwork	0	0	5122	Drugs, drug proprietaries and druggists' sundries	0	0
5039	Construction materials, n.e.c.	0	1	513	Drugs, drug proprietaries, and druggists' sundries	0	0
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	0	1	5139	Apparel, piece goods, and notions	0	1
5041	Sporting and recreational goods and supplies	0	1	514	Piece goods (woven fabrics)	0	0
5042	Toys and hobby goods and supplies	0	0	5141	Notions and other dry goods	(D)	(D)
5043	Photographic equipment and supplies	0	1	5142	Men's and boys' clothing and furnishings	(D)	(D)
505	Metals and minerals, except petroleum	0	0	5143	Women's, children's and infants' clothing and accessories	1	3
5051	Metals service centers and offices	(D)	(D)	5144	Footwear	0	4
5052	Coal and other minerals and ores	(D)	(D)	5145	Groceries and related products	0	0
506	Electrical goods	0	0	5146	Groceries, general line	0	0
5063	Electrical apparatus and equipment	0	1	5147	Frozen foods	0	0
5064	Electrical appliances, television and radio sets	1	0	5148	Dairy products	0	3
5065	Electronic parts and equipment	0	1	5149	Poultry and poultry products	0	0
507	Hardware, and plumbing and heating equipment and supplies	0	0	515	Confectionery	0	0
5072	Hardware	0	1	5152	Fish and seafoods	0	0
5074	Plumbing and heating equipment and supplies (hydronics)	0	0	5153	Meats and meat products	3	0
5075	Warm air heating and air conditioning equipment and supplies	0	0	5154	Fresh fruits and vegetables	1	1
5078	Refrigeration equipment and supplies	0	5	5159	Groceries and related products, n.e.c.	0	1
508	Machinery, equipment, and supplies	0	1	516	Farm-product raw materials	0	1
5081	Commercial machines and equipment	0	0	5152	Cotton	(D)	(D)
5082	Construction and mining machinery and equipment	0	0	5153	Grain	0	2
5083	Farm and garden machinery and equipment	0	0	5154	Livestock	0	0
5084	Industrial machinery and equipment	0	1	5161	Farm-product raw materials, n.e.c.	(D)	(D)
5085	Industrial supplies	0	0	517	Chemicals and allied products	0	1
5086	Professional equipment and supplies	0	1	5171	Chemicals and allied products	0	1
5087	Service establishment equipment and supplies	0	2	5172	Petroleum and petroleum products	0	0
5088	Transportation equipment and supplies, except motor vehicles	0	4	519	Petroleum bulk stations and terminals	0	0
				5191	Petroleum and petroleum products, except bulk stations and terminals	0	0
				5194	Beer, wine and distilled alcoholic beverages	1	1
				5198	Beer and ale	(D)	(D)
				5199	Wines and distilled alcoholic beverages	(D)	(D)
					Miscellaneous nondurable goods	0	1
					Farm supplies	0	1
					Tobacco and tobacco products	1	2
					Paints, varnishes, and supplies	0	0
					Nondurable goods, n.e.c.	1	0

Coverage symbols: 0—Less than 10 percent; 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

¹Includes sales information obtained from administrative records of other Federal agencies.

²Includes sales information which was imputed based on historic company ratios or administrative records, or on industry averages.

³Calculated only for establishments with payroll.



APPENDIX F. Geographic Notes

rapier was incorporated in February 1978.

Park City is in Summit and Wasatch Counties.

West Valley City was incorporated in July 1980.



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STATE AND METROPOLITAN AREA DATA BOOK 1982

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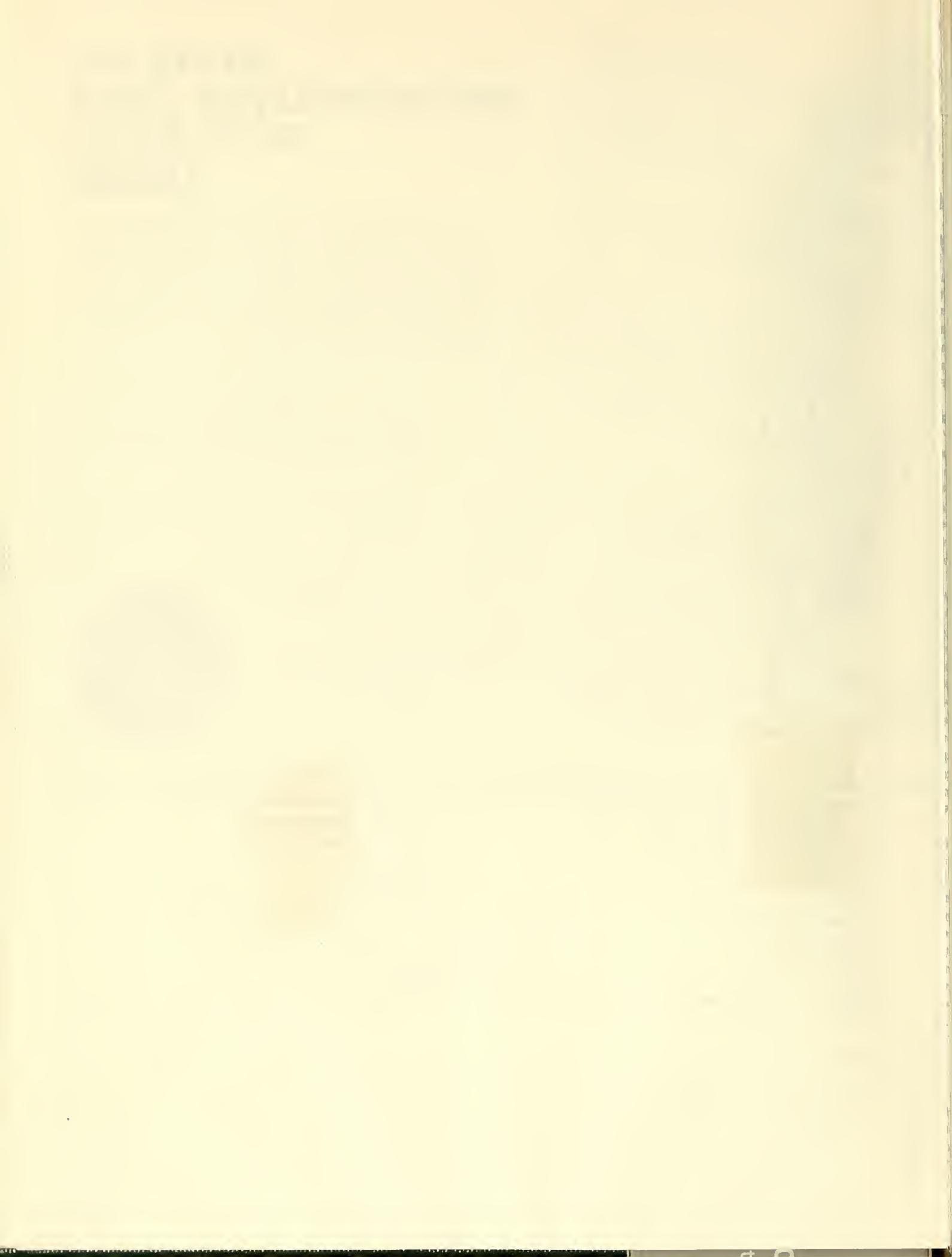
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PUBLICATION PROGRAM

1982 CENSUS OF WHOLESALE TRADE

Publications of the 1982 Census of Wholesale Trade, containing data on wholesale trade establishments with payroll in the United States, are described below. Publications order forms for the specific reports may be obtained from any Department of Commerce district office or from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233. The first results were issued in preliminary reports. Final detailed statistics are issued in separate paperbound reports, which subsequently are assembled and reissued in clothbound volumes.

Final Reports

Geographic area series—52 reports (WC82-A-1 to -52)

A separate paperbound report is being published for each State, the District of Columbia, and the United States. Each report presents general statistics on number of establishments, sales, payroll, employment, operating expenses, and inventories, for all wholesale establishments. At the State level, data also are presented separately for the following types of wholesale operation: merchant wholesalers; manufacturers' sales branches and offices; and agents, brokers, and commission merchants. Less type-of-operation detail is shown below the State level. For States, SMSA's, counties, and places with 200 wholesale establishments or more, statistics are presented by kind of business. Greater kind-of-business detail is shown for larger areas. In addition, data are shown for all places with 2,500 inhabitants or more and all counties (with no kind-of-business detail). For each State, the District of Columbia, and the United States, 1982 data are provided on sales and employees per establishment, sales and payroll per employee, payroll as a percent of operating expenses, and operating expenses and end-of-year inventories as percentages of sales. Comparative statistics showing percent changes in sales and payroll between 1977 and 1982 also are shown.

Industry series—4 reports (WC82-I-1 to -4)

The first report (WC82-I-1) presents data based on size of establishment, size of company or firm (firm size is based on all establishments operated by a firm within the same kind of business or kind-of-business group for which data are presented), and legal form of organization. Establishment statistics are presented by sales size and by employment size; statistics for firms, by sales size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits). Statistics are presented by kind of business on the number of establishments, sales, payroll, and employment for the United States.

A report (WC82-I-2) on measures of value produced, capital expenditures, depreciable assets, and operating expenses presents data for the United States by major kinds of business. Data also are provided on sales, purchases, and beginning and ending inventories. Measures of value produced include gross margin, value added, and net income produced at market prices and factor costs. Operating expenses include annual payroll, supplemental labor costs, purchased services, etc.

The commodity line sales report (WC82-I-3) presents data on major categories of commodities sold by wholesale kinds of business for the United States. Data for 15 selected SMSA's and 15 selected States will be issued on microfiche only. Tables present data for each kind of business, and show, for each commodity line, the number of establishments handling the line and their sales of the line; the percentage of total sales of the kind of business accounted for by each of the lines carried; and, for establishments actually handling a specific line, the percentage of their total sales represented by sales of that line. Summary statistics also are provided for the 129 broad commodity lines categories, including counts of establishments and the amount and percent of the line sold by various kinds of wholesale businesses.

A miscellaneous subjects report (WC82-I-4) contains data by kind of business on employment by principal activity, sales by class of customer, inventory valuation methods, commissions and gross selling value of business conducted for others by agents and brokers, and on petroleum bulk stations and terminals. Data are presented for the United States as a whole and, for petroleum bulk stations and terminals, for States and counties.

Final Report Volumes

- Volume I. Wholesale Trade—Summary and Industry Statistics. Includes data previously issued in series WC82-I.
- Volume II. Wholesale Trade—Geographic Area Statistics. Includes data previously issued in series WC82-A.

Microfiche

Every final report in the 1982 Census of Wholesale Trade will be available on microfiche.

Public-Use Computer Tapes

Selected data—generally detailed information by industry and/or geographic area—also are available on public-use computer tapes. For the selected data, these tapes will provide the same information found in the final reports. Public-use computer tapes are available for users who wish to summarize, rearrange, or process large amounts of data. These tapes, with corresponding technical documentation, are sold by Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D. C. 20233.

OTHER ECONOMIC CENSUS REPORTS

Data on retail trade, service industries, construction industries, manufactures, mineral industries, transportation, enterprise statistics, minority-owned business enterprises, and women-owned businesses also are available from the 1982 Economic Censuses. A separate series of reports covers the censuses of outlying areas—Puerto Rico, Virgin Islands of the United States, Guam, and the Northern Marianas. Separate announcements describing these reports are available free of charge from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233.

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